
TABLE OF CONTENTS

DENTAL LICENSURE EXAMINATION

2000 DENTAL LICENSURE EXAMINATION SCHEDULE	vii
---	------------

2000 DENTAL LICENSURE EXAMINATION LOCATIONS	vii
--	------------

DENTAL CANDIDATE INFORMATION

MISSISSIPPI ANNUAL LICENSURE EXAMINATION MAY 24-26, 2000	1
INTRODUCTION	1
APPLICATION REQUIREMENTS	2
APPLICATION COMPLETION	4
PATIENT SELECTION AND CANDIDATE IDENTIFICATION	7
STANDARDS OF CONDUCT FOR THE EXAMINATION	8
Personal/Professional Conduct	8
Completion of the Examination	8
Misappropriation of Equipment	8
Submission of Examination Records	8
Assigned Procedures	8
Examination Guidelines	8
Timely Arrival	8
Examination Security	9
Assigned Operatories	9
Professional Attitude, Demeanor, and Patient Management	9
Isolation of the Restorative Field	9
Tissue Management	9
Equipment Failure	9
Auxiliary Personnel	9
Removal of Typodont from Preclinical Laboratory	9
Damage or Mutilation of Typodont	9
DAY 1--WEDNESDAY, MAY 24, 2000	10
Registration	10
Time, Date, and Location for Registration	10
Administrative Procedures	11
Jurisprudence Examination	12
Time, Date, and Location for the Jurisprudence Examination	12
Administrative Procedures	12
Orientation	13
Time, Date, and Location for Orientation	13
Administrative Procedures	13
Endodontics Exercise	14
Candidate Packets	14

Examination Requirements	14
Tooth Selection	14
Endodontic Model	14
Radiographs	15
Starting Check	15
Time Restraints	16
Assistants	16
Textbooks	16
Endodontics Grading Procedure	16
Grading Criteria	17
Endodontics Exercise Examples	19
Typodont Exercise	21
Candidate Packets	21
Examination Requirements	21
Assistants	21
Textbooks	21
Assigned Teeth	21
Starting Check	21
Preparation Design--Examination Guidelines for Preparation of Anterior Porcelain Fused to Metal Restoration	22
Preparation Design--Examination Guidelines for Preparation of Posterior Abutments for Fixed Partial Denture	24
Anatomical Design--Examination Guidelines for Finished Carved Amalgam	25
Time Restraints	25
Typodont Grading Procedure	25
Grading Criteria	25
Typodont Exercise Examples	27
DAY 2-- THURSDAY, MAY 25, 2000	31
Class 2 Amalgam Restoration	31
Candidate Packets	31
Examination Requirements	32
Tooth Selection	32
Pre-operative Casts	32
Radiographs	32
Medical Health History Form	32
Assistants	33
Textbooks	33
Pain Control	33
Isolation	33
Initial Starting Check	33
Preparation Design--Examination Guidelines for Class 2 Amalgam Restoration	34
Deviation of Preparation Outline	35
Pulpal Exposure	36
Time Restraints	36
Amalgam Preparation Grading Procedure	36

Base/Liner Check	36
Anatomical Design–Examination Guidelines for Amalgam	
Finished Carved Restoration	37
Amalgam Finished Carved Restoration	37
Amalgam Finished Carved Restoration Grading Procedure	37
Grading Criteria	38
Rubber Dam Isolation Example	39
Class 3 Composite Restoration	41
Candidate Packets	41
Examination Requirements	41
Tooth Selection	41
Pre-operative Casts	41
Radiographs	41
Medical Health History Form	42
Assistants	42
Textbooks	42
Pain Control	42
Isolation	42
Initial Starting Check	43
Preparation Design–Examination Guidelines for Class 3	
Composite Restoration	43
Deviation of Preparation Outline	44
Pulpal Exposure	44
Time Restraints	44
Composite Preparation Grading Procedure	45
Base/Liner Check	45
Composite Finished Restoration–Examination Guidelines for	
Class 3 Composite Restoration	45
Composite Finished Restoration Grading Procedure	46
Grading Criteria	47
Removable Prosthetics	47
Candidate Packets	47
Examination Requirements	48
Patient Selection	48
Pre-operative Casts	48
Pre-Made Bite Rims	48
Examination Guidelines for Removable Prosthetics Procedure	48
Radiographs	49
Medical Health History Form	49
Assistants	49
Textbooks	50
Initial Starting Check	50
Time Restraints	50
Removable Prosthetics Grading Procedure	50
Grading Criteria	51
Removable Prosthetics Exercise Examples	53

DAY 3–FRIDAY, MAY 26, 2000	55
Periodontics	56
Candidate Packets	56
Examination Requirements	56
Examination Purpose	56
Patient Selection	56
Pre-operative Casts	57
Radiographs	57
Medical Health History Form	57
Assistants	57
Textbooks	58
Pain Control	58
Initial Starting Check	58
Time Restraints	59
Periodontal Diagnostic Exercise Grading Procedure	59
Periodontal Treatment Exercise Grading Procedure	60
Grading Criteria	60
Periodontics Exercise Examples	63
GENERAL INFORMATION	67
Grading System	67
Grade Sheets and Candidate Check Card	69
Infection Control	70
Candidate Instruments	70
Starting Checks	70
Patient Number	71
Numbering Teeth	71
Polishing Teeth	71
Irregularities	71
Radiographs	72
Impressions and Casts	72
Summary of Items to Be Submitted to the Grading Area	73
Endodontics Procedure	73
Typodont Procedure	73
Class 2 Amalgam Preparation	73
Class 2 Amalgam Finished Carved Restoration	74
Class 3 Composite Preparation	74
Class 3 Composite Finished Restoration	74
Removable Prosthetics Procedure	74
Periodontal Diagnostic Exercise	74
Periodontal Treatment Exercise	75
Time Constraints	75
Clean-Up	75
Completion of Clinical Procedures	75
CONCLUSION	77
Examination Results	77
Re-Take Examination Procedures	77
Procedure for Filing Appeals	78

Annual Registration	78
Documentation Checklist	78
FREQUENTLY ASKED QUESTIONS	80
ENDODONTICS EXERCISE GRADING CRITERIA	87
CARVED MODL AMALGAM RESTORATION GRADING CRITERIA	89
PORCELAIN FUSED TO METAL ANTERIOR CROWN PREPARATION GRADING CRITERIA	91
FIXED PARTIAL DENTURE POSTERIOR ABUTMENT PREPARATION GRADING CRITERIA	93
AMALGAM PREPARATION GRADING CRITERIA	95
AMALGAM FINISHED RESTORATION GRADING CRITERIA	96
COMPOSITE PREPARATION GRADING CRITERIA	97
COMPOSITE FINISHED RESTORATION GRADING CRITERIA	98
REMOVABLE PROSTHETICS GRADING CRITERIA	99
PERIODONTAL DIAGNOSTIC EXERCISE GRADING CRITERIA	101
PERIODONTAL TREATMENT EXERCISE GRADING CRITERIA	102

UNIVERSITY OF MISSISSIPPI MEDICAL CENTER SCHOOL OF DENTISTRY

INFORMATION FOR CANDIDATES FOR DENTAL LICENSURE	103
PARKING	103
USAGE FEE	103
Equipment and Instruments	103
Supplies	104
PROCEDURES FOR OBTAINING INSTRUMENTS AND HANDPIECES:	104
USE OF FACILITIES	104
LOCKERS	105
PATIENTS	105
SCREENING AND PREPARATORY TREATMENT OF PATIENTS	105
RADIOGRAPHS	105
PATIENT RECORDS	106
ATTACHMENT	107
Endodontic Laboratory	107
Tray Set-Up	107
Removable Prosthetics Clinic	107
Tray Set-Up	107
Operative Clinic and Laboratory	108
Tray Set-Up	108
Off-Tray Instruments and Supplies	108
Periodontics Clinic	108
Board Examiner's Kit	108
Tray Set-Up	108
Off-Tray Instruments and Supplies	108
Burs, Diamonds, and Stones	109
Fissure Burs	109
Inverted Cone Burs	109
Round Burs	109
Short Shank Burs	109

12 Blade Composite Finishing Burs	109
Diamonds	109
Stones	109

ALPHABETICAL LIST OF AREA HOTELS & MOTELS	111
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MAP TO UNIVERSITY OF MISSISSIPPI MEDICAL CENTER SCHOOL OF DENTISTRY	113
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2000 DENTAL LICENSURE EXAMINATION SCHEDULE

DAY 1–MAY 24, 2000		DAY 2–MAY 25, 2000		DAY 3–MAY 26, 2000	
ENDODONTICS AND TYPODONT EXERCISES		CLINICAL EXERCISES		CLINICAL EXERCISES	
7:00 a.m. to 7:15 a.m.	REGISTRATION First Floor Room D-114				
7:30 a.m. to 8:00 a.m.	JURISPRUDENCE EXAMINATION First Floor Room D-114				
8:00 a.m. to 8:45 a.m.	ORIENTATION First Floor Room D-114	8:00 a.m. to 8:30 a.m.	OPERATORY SETUP Fourth Floor	8:00 a.m. to 8:30 a.m.	OPERATORY SETUP Fourth Floor
9:00 a.m.	ENDODONTICS AND TYPODONT EXERCISES Fifth Floor Preclinical Laboratories E, F, G, & H	8:30 a.m. to 9:00 a.m.	STARTING CHECKS	8:30 a.m. to 10:00 a.m.	STARTING CHECKS
	A. Endodontics B. Finished Amalgam MODL #14 C. Porcelain Fused to Metal Crown Preparation #9 D. Fixed Partial Denture Abutment Preparations #3 - #5	9:00 a.m.	A. Class 2 Amalgam Restoration B. Class 3 Composite Restoration C. Removable Prosthetics 1. Final Impressions 2. Centric Jaw Relation 3. Vertical Dimension	9:00 a.m.	Periodontics (6 Hour Completion Time)
4:30 p.m.	LABORATORY CLOSING	4:30 p.m.	CLINIC CLOSING	4:00 p.m.	CLINIC CLOSING

2000 DENTAL LICENSURE EXAMINATION LOCATIONS

GRADING AREA:
PATIENT WAITING AREAS:

Fourth Floor
First Floor - Student Faculty Lounge
Fourth Floor

LABORATORIES:
LOCKER ROOMS:

Fourth Floor - Room D-408
Fifth Floor - Rooms D-513 through D-516
Female Candidates: Fourth Floor - Room D-408
Male Candidates: First Floor - Room D-115

DENTAL CANDIDATE INFORMATION
MISSISSIPPI ANNUAL LICENSURE EXAMINATION
MAY 24-26, 2000

INTRODUCTION

1. Please read carefully the following instructions and requirements. Most of the candidate's questions concerning the application and examination process should be answered in these instructions. However, if the candidate has further questions, please contact the Board office at 601-944-9622. The candidate must bring these instructions to the examination and retain them in his/her possession at all times. No additional copies of these instructions will be available.
2. The examination will be given May 24-26, 2000, at the University of Mississippi Medical Center School of Dentistry located on the campus of the University Medical Center, 2500 North State Street, Jackson, Mississippi. Candidates will report to the University of Mississippi Medical Center School of Dentistry Wednesday, May 24, 2000, Room D-114, First Floor, promptly at 7:00 a.m. for registration, jurisprudence, and orientation.
3. The Mississippi State Board of Dental Examiners grants licenses to practice general dentistry by two methods: (a) examination; and (b) licensure by credentials, and meeting the criteria thereof. Mississippi does not engage in reciprocity agreements with other states, and no temporary licenses or permits are issued or special examinations given. Those individuals who wish to be licensed in a specialty field must first obtain a general dental license. Specialty licensure then may be requested by making application and submitting the proper credentials to the Board.
4. The Mississippi State Board of Dental Examiners reserves the right to modify these instructions and requirements before and during the examination of the candidates.

APPLICATION REQUIREMENTS

1. A candidate for examination for dental licensure shall be a citizen of the United States, except as otherwise provided in Miss. Code Ann. § 73-9-23; be of good moral character; have a high school education; and have attained the age of twenty-one (21) years. A candidate must also exhibit a diploma or certificate of graduation from a dental school accredited by the Commission on Accreditation of Dental and Dental Auxiliary Educational Programs of the American Dental Association, except as otherwise provided in Miss. Code Ann. § 73-9-23.
2. A completed application should be returned to the Secretary of the Board by **CERTIFIED MAIL WITH RETURN RECEIPT REQUESTED**. The application, fees, and all required supporting documentation must be received in the Board's office at least thirty (30) days prior to the announced date of the examination, or Monday, April 24, 2000. Enclosed for the candidate's convenience is a pre-addressed label to the Board which is marked "CERTIFIED MAIL, RETURN RECEIPT REQUESTED." The Board's correct mailing address is:

Mississippi State Board of Dental Examiners
Suite 100
600 East Amite Street
Jackson, Mississippi 39201-2801

Attention: Licensure Examination Coordinator

All application packets should be postmarked on or before Monday, April 24, 2000. The Board will accept application packets mailed via the United States Postal Service, United Parcel Service, Federal Express, or by hand-delivery. Application packets received after Monday, April 24, 2000 will not be accepted until the candidate remits a late penalty of One Hundred and No/100 Dollars (\$100.00). However, no application will be accepted after Monday, May 1, 2000.

3. Board fees and usage fees must be paid in two (2) separate amounts by certified check or money order. **PERSONAL CHECKS ARE NOT ACCEPTABLE AND WILL BE RETURNED WITH THE APPLICATION TO THE CANDIDATE.** Examination fees are returned to the candidate only if the candidate's application is not accepted by the Board. In the event of illness or an emergency, fees will be applied to the following year's regularly scheduled Mississippi examination for licensure, provided the Board office is notified within twenty-four (24) hours prior to the examination. It is the candidate's responsibility to ensure that written notification of cancellation is received in the Board office by overnight mail, delivery service, or fax (601-944-9624). Telephone cancellations are not acceptable. Candidates who fail to appear for the examination without prior notification to the Board forfeit the entire application fee. As noted, the Board does not refund application fees.

4. Candidates who are unsuccessful on the examination may apply for a future examination and will be considered as new candidates. However, candidates will be allowed to take the licensure examination only twice, and candidates who fail the second time must successfully complete one (1) academic year of clinical training in an accredited dental school before being allowed to take the examination for the third, and final, time.
5. Any candidate with a mental or physical condition which would require a reasonable deviation from the normal administration of the examination should submit a written statement from a qualified physician at the time of application in which the condition is clearly stated. A decision regarding the candidate's suitability for the examination will be made based on the physician's statement, completion of application requirements, and the University of Mississippi Medical Center School of Dentistry's capabilities to accommodate the mental or physical condition of the candidate.

APPLICATION COMPLETION

1. Completed **TYPED** application form, properly signed, and notarized. An unmounted black and white or color bust photograph not less than 2½" x 2½" of the candidate taken not more than six (6) months prior to the date of application must be attached to the candidate's application.
2. Certified check or money order in the amount of Four Hundred and No/100 Dollars (\$400.00) made payable to the Mississippi State Board of Dental Examiners to be mailed with the application. This amount is the candidate's Board application fee.
3. Certified check or money order in the amount of Four Hundred and No/100 Dollars (\$400.00) made payable to the University of Mississippi Medical Center School of Dentistry to be mailed with the application. This amount covers the candidate's clinic fees for instruments and materials listed in the "University of Mississippi Medical Center School of Dentistry Information for Candidates for Dental Licensure" (see pages 103 and 104).
4. Notarized signatures of two (2) reputable citizens of the state in which the candidate is a resident (see application form, Item #16, for further information).
5. Self-Query from National Practitioner Data Bank. Candidates who have graduated from an accredited dental school prior to January 1, 2000 must make a self-query from the National Practitioner Data Bank by contacting the Data Bank at Post Office Box 10832, Chantilly, Virginia, 20153, or at the Data Bank's web site at www.npdb.com. The Data Bank's telephone number is 800-767-6732, and the facsimile number is 703-802-4109. The Data Bank provides the candidate with a form even though no reports have been filed. The **ORIGINAL** of this form must be submitted with the candidate's application.
6. Copy of National Board Examination Grade Card. Contact the Joint Commission on National Dental Examinations at telephone number 800-621-8099 or at its Internet address (www.ada.org/p&s/history/councils.html) to request that a copy of the grade card be mailed to the Board's office. It is the Board's policy not to release National Board grades under any circumstances; therefore, do not contact the Board office for scores. Candidates will be required to have passed all parts of the National Board Dental Examination prior to issuance of a Mississippi license. Candidates may take the Mississippi licensure examination without having passed the National Board, but candidates will not be issued Mississippi licenses until a copy of the National Board Dental Examination passing scores has been received by the Mississippi State Board of Dental Examiner's office. (For this purpose, passing scores on the Mississippi State Board examination are valid through December 31, 2000.)
7. Copies of official transcripts from each college and dental school attended. These transcripts must be mailed directly to the Board office by the schools. Transcripts will not be accepted from the candidate. All transcripts must be received at the Board office by the deadline,

Monday, April 24, 2000. Final dental school transcripts must show the degree awarded. Although the candidate's dental school transcript may not be complete, any partial dental school transcripts must also be received by Monday, April 24, 2000 so that the application can be processed. **TRANSCRIPTS FROM FOREIGN COLLEGES AND DENTAL SCHOOLS MUST BE IN ENGLISH AND MAILED DIRECTLY FROM THE FOREIGN COLLEGE OR DENTAL SCHOOL TO THE BOARD; OTHERWISE, THESE TRANSCRIPTS WILL NOT BE ACCEPTED.** All costs associated with transcript preparation and/or translation will be incurred by the candidate.

8. Affidavit signed by the dental school dean (see enclosed memorandum and Affidavit). Candidates who are still in dental school at the time their application is submitted must have this form completed and returned with the application. If the candidate has not graduated prior to the examination, a final official transcript noting a date of graduation prior to August 31, 2000 must be sent by the dental school dean to the Board office prior to issuance of a Mississippi license. For those candidates whose dean has certified expected graduation, a passing score on this examination is valid until August 31, 2000.
9. Certified statement verifying license status and good standing from the Secretary of the Board of Dental Examiners in each state in which candidate is currently or has previously been licensed. In states where the candidate has previously been licensed, the Secretary of the Board must notify the Board as to the reason for license expiration or revocation.
10. Proof of having liability insurance coverage while the clinical examination is in progress. Insurance application forms are enclosed for the candidate's convenience; however, the candidate may use any insurance company of his/her choice. If the candidate is currently in practice and has malpractice insurance, his/her insurance company must submit a certificate of insurance stating that the candidate is covered for the Mississippi dental licensure examination and will be current through May 26, 2000. Please make certain the effective dates are listed on the certificate of insurance. A photocopy of an office malpractice insurance policy is not acceptable. This must be submitted with the candidate's application.
11. Proof of having completed the Cardiopulmonary Resuscitation Course (adult, one man), which must be current at the time of the examination. This must be submitted with the candidate's application.
12. Chairside assistant registration form. Each candidate is allowed to bring one chairside assistant. The candidate is responsible for obtaining his/her own assistant, making any monetary arrangements, if necessary, and for the conduct of his/her assistant during the examination. Assistants must complete and sign the enclosed registration form and attach a recent photograph. This form must be returned with the candidate's examination application. Assistants will be given lapel pins with numbers corresponding to the candidates they are assisting. Assistants must remain at the assigned operatory or completely outside the examination area. Dental school graduates or dental school faculty members may not serve as dental assistants for this examination; however, the dental assistant may be a dental assistant, a dental hygienist, or a dental student.

13. Formal declaration of intent to become a citizen of the United States. Any candidate who is not an United States citizen at the time his/her application is mailed to the Board office must include in his/her application packet a formal declaration of intent to become an United States citizen, pursuant to Miss. Code Ann. § 73-9-23.
14. **TYPED** 2000 Dental Licensure Candidate Address and License Information Form. All items on this form must be completed and will be used by the Board to style the candidate's Mississippi license upon successful completion of the licensure examination. The candidate must list the full mailing address with zip code. If the candidate is moving prior to issuance of his/her license, the candidate should indicate a parent's address or other address, as this is the address the Board will use to mail the candidate's Mississippi license. It is important that all information be given; please do not write "not applicable," as all the information is applicable. Verify the birth year to ensure that the current year has not been listed by mistake. A copy of this form will be provided to the candidate during orientation for final verification of this information.

PATIENT SELECTION AND CANDIDATE IDENTIFICATION

1. Candidates must furnish their own patients and are responsible for their appearance on schedule. The Mississippi State Board of Dental Examiners is not responsible for procuring patients for this examination. Dental school graduates or dental school faculty members may not serve as patients. All patient records, radiographs, casts, etc., become the property of the Board and will not be released to candidates or patients under any circumstances.
2. **PATIENT SELECTION IS ONE OF THE MOST IMPORTANT FACTORS IN PREPARATION FOR THE EXAMINATION. IT IS ADVISABLE FOR CANDIDATES TO OBTAIN A BACKUP PATIENT FOR EACH PROCEDURE.** Unacceptable patients will be dismissed, and another patient must be provided if the candidate is to continue the examination. Sharing of backup patients among candidates is recommended.
3. The Board makes every effort to offer the examination in a manner accessible to persons with disabilities. If a patient needs special facilities due to a wheelchair, etc., please notify the Board at the time of initial application; however, the Board in no way guarantees special accommodations, as arrangements must be made with the University of Mississippi Medical Center School of Dentistry. Patients in wheelchairs must be able to transport from the wheelchair into the examining chair. The candidate should contact the University of Mississippi Medical Center School of Dentistry to determine whether his/her patients' special needs can be accommodated during the examination.
4. No name tags or monograms denoting the identity of the candidate, his/her dental assistant, or the dental school attended may be worn. Each candidate will be assigned a candidate number at registration. This number must be worn by the candidate on his/her right lapel and also will be displayed on the assigned operatory.
5. Candidates must fully advise their patients of the duration of each procedure, grading procedures, and time sequences during the examination inasmuch as patients must be available the entire day or, at a minimum, until the candidate dismisses the patient. It is the candidate's responsibility to ensure that the procedures performed on his/her patient are graded. Should a candidate's patient leave the examination prior to the procedure being graded, the candidate must obtain a new patient and a new starting check. No time extensions will be granted by the Board. For additional information, the candidate should refer to the section concerning backup patients on page 7.

STANDARDS OF CONDUCT FOR THE EXAMINATION

1. **Personal/Professional Conduct**

Any substantiated evidence of collusion, dishonesty, use of unwarranted assistance, or intentional misrepresentation during registration or during the course of the examination shall automatically result in failure of the entire examination and forfeiture of all examination fees for the current examination. The candidate may apply for re-examination at the next regularly scheduled Mississippi examination for licensure.

2. **Completion of the Examination**

All exercises of the examination shall be completed within the specified time frame in order for the examination to be considered complete. For those procedures not completed within the specified time frame, a grade of zero will be given.

3. **Misappropriation of Equipment**

No equipment, instruments, or materials shall be removed from the examination site without written permission of the owner. Willful or careless damage of typodonts may result in failure, and repair or replacement costs must be paid by the candidate before release of examination results.

4. **Submission of Examination Records**

All required records and required radiographs must be turned in before the examination is considered complete.

5. **Assigned Procedures**

The candidate may perform only the treatment and/or procedures assigned.

6. **Examination Guidelines**

Failure to follow the published standards and guidelines, the use of electronic recording devices by the candidate, an auxiliary, or patient during the examination, and/or the taking of photographs of examination or treatment procedures is a violation and may result in failure of the examination.

7. **Timely Arrival**

Once the examination has begun, no candidate may enter the room or begin the examination late without first consulting the clinical floor examiner for the assigned clinic.

8. **Examination Security**

Candidates must rely on their own knowledge and protect their own answers on the jurisprudence examination. There shall be no talking, comments, or signals during the examination. Exchanging answers or information with another candidate will result in failure.

9. **Assigned Operatories**

The candidate shall work only in the assigned clinic, operatory, or laboratory spaces.

10. **Professional Attitude, Demeanor, and Patient Management**

The candidate and assisting auxiliary must behave in an ethical and proper manner. Patients shall be treated with proper concern for their safety and comfort.

11. **Isolation of the Restorative Field**

Adequate and proper isolation must be provided as necessary to avoid contamination and as specified by examination requirements.

12. **Tissue Management**

There shall be no unwarranted damage to either hard or soft tissue.

13. **Equipment Failure**

In case of equipment failure, the clinical floor examiner must be notified immediately so the malfunction may be corrected or the candidate relocated.

14. **Auxiliary Personnel**

Candidates are responsible for the behavior of their assistants during the conduct of the examination.

15. **Removal of Typodont from Preclinical Laboratory**

Once the examination has begun, neither the teeth nor the typodont may be removed without specific permission from a clinical floor examiner.

16. **Damage or Mutilation of Typodont**

Damage to any part of the typodont is cause to withhold the results of the entire examination until a satisfactory settlement (financial or replacement of the damaged part) is reached.

DAY 1--WEDNESDAY, MAY 24, 2000

ENDODONTICS AND TYPODONT EXERCISES	
7:00 a.m. to 7:15 a.m.	REGISTRATION First Floor Room D-114
7:30 a.m. to 8:00 a.m.	JURISPRUDENCE EXAMINATION First Floor Room D-114
8:00 a.m. to 8:45 a.m.	ORIENTATION First Floor Room D-114
9:00 a.m.	ENDODONTICS AND TYPODONT EXERCISES Fifth Floor Preclinical Laboratories E, F, G, & H A. Endodontics B. Finished Amalgam MODL #14 C. Porcelain Fused to Metal Crown Preparation #9 D. Fixed Partial Denture Abutment Preparations #3 - #5
4:30 p.m.	LABORATORY CLOSING

Registration

1. Time, Date, and Location for Registration

Registration for all dental licensure candidates will be conducted from 7:00 a.m. until 7:15 a.m. on Wednesday, May 24, 2000, in Room D-114 of the University of Mississippi Medical Center School of Dentistry. All candidates are strongly advised to arrive at the University of Mississippi Medical Center School of Dentistry no later than 6:45 a.m. Candidates may wait in the first floor lounge until registration begins.

2. **Administrative Procedures**

Upon the candidate's arrival in Room D-114, the candidate should register with Board staff and present one form of picture identification. The candidate will be given a blue registration packet containing the following materials:

- a. 2000 Dental Licensure Examination Candidate Address and License Information Form as completed and submitted by the candidate with his/her application packet (white paper)
- b. Survey Questions for the 2000 Mississippi Dental Licensure Examination (buff paper)
- c. Candidate Check Card (white paper)
- d. Answer sheets (two) for the jurisprudence examination and Board survey
- e. Candidate badge
- f. Dental assistant badge
- g. Sharpened pencil

The candidate should carefully check his/her packet to ensure that all above-listed items have been included in the packet and that the numbers on the candidate and dental assistant badges correspond to the numbers on the outside of the blue candidate packets. This packet must remain with the candidate during the entire examination. The candidate must return the blue candidate packet, candidate badge, dental assistant badge, survey questions, and completed answer sheet for the survey to Board personnel in the candidate's clinic at the conclusion of the examination on Friday, May 26, 2000. These items are the property of the Board, and any candidate who does not properly return all items will have his/her license withheld until such time as all items have been returned to the Board, or the candidate remits a penalty of Ten and No/100 Dollars (\$10.00) for each item that is not returned to the Board.

Once the candidate receives his/her registration materials, the candidate should be seated and prepare for the jurisprudence examination which will be administered immediately upon conclusion of registration. The candidate should remove only the answer sheet for the jurisprudence examination and the pencil; all other items should remain in the registration packet.

Jurisprudence Examination

1. Time, Date, and Location for the Jurisprudence Examination

All candidates are required to successfully complete a written examination based on the Mississippi Dental Practice Act and the regulations of the Board. This examination will be conducted from 7:30 a.m. until 8:00 a.m. on Wednesday, May 24, 2000, in Room D-114 of the University of Mississippi Medical Center School of Dentistry.

2. Administrative Procedures

Candidates should be prepared to begin the examination promptly at 7:30 a.m., with only the answer sheet for the jurisprudence examination and the Board-provided pencil on the desks. All other materials should be carefully placed under the desks. Once all materials are properly placed, Board personnel will distribute the jurisprudence examinations. No handwritten marks should be made on the jurisprudence examination; only the answer sheet should be used to denote the candidate's numerical identity and examination responses.

The candidate should write his/her **CANDIDATE NUMBER** in the top right-hand box labeled "Identification Number," preceded by a series of the numeral "9." Candidates whose numbers range from 1D through 9D, should put 7 "9s", then put a zero ("0"), and then put the actual candidate number (e.g., 999999908). Candidates whose candidate numbers range from 10D and above should put 7 "9s" and then put the actual candidate number (e.g., 999999921). The candidate should then darken the appropriate circles below the numbers he/she has just written. No names must be written on this answer sheet. Contingent upon which jurisprudence examination the candidate has been given, the candidate must write either "TEST A," "TEST B," or "TEST C" in the upper right-hand corner of the answer sheet. Also, the candidate must darken the appropriate circle (i.e., "A," "B," or "C") in the box labeled "Form" in the upper right-hand corner of the answer sheet.

The jurisprudence examination consists of fifty (50) true or false questions concerning the Mississippi Dental Practice Act and regulations adopted by the Board, copies of which have been included in the candidate's examination manual. Candidates are strongly urged to carefully study these materials to ensure that a passing score is obtained. The examination questions are changed each year to reflect any changes to the Mississippi Dental Practice Act or the rules and regulations of the Board.

A minimum passing score of 75% must be obtained to be successful on the jurisprudence examination. Candidates who initially fail the jurisprudence examination will have until the conclusion of the dental licensure examination (or until 4:00 p.m. on Friday, May 26, 2000) to pass another jurisprudence examination. Candidates who fail the first jurisprudence examination will be notified by Board staff during the typodont exercise. It is the candidate's responsibility to contact Board staff regarding a time and location for administration of the second jurisprudence examination. A second, and final, jurisprudence examination will be administered during the scheduled clinical or typodont exercises. No additional time will be granted to the candidate for completion of other examination requirements. Furthermore, no

Mississippi dental license will be issued to candidates who do not pass the jurisprudence examination by the conclusion of the dental licensure examination.

Once the candidate has finished the jurisprudence examination, he/she should very quietly turn over his/her completed answer sheet and jurisprudence examination and wait until all other candidates have finished the examination. Once the jurisprudence examination has been concluded, Board staff will retrieve all completed answer sheets, jurisprudence examinations, and Board-provided pencils.

Orientation

1. Time, Date, and Location for Orientation

Orientation will begin immediately following the jurisprudence examination and will be conducted from 8:00 a.m. until 8:45 a.m. on Wednesday, May 24, 2000, in Room D-114 of the University of Mississippi Medical Center School of Dentistry.

2. Administrative Procedures

All candidates will review a completed 2000 Dental Licensure Examination Candidate Address and License Information Form containing information that he/she provided with his/her application packet. Candidates should very carefully consider all information, as this information will be used in preparing licenses for those candidates who successfully complete the licensure examination. Once this information has been revised, if necessary, and verified by the candidate, the candidate will place his/her initials in the upper right-hand corner of the form. Board personnel will collect the completed form and review it for completeness. The candidate is responsible for supplying the correct information on the form, and he/she will be held responsible for any incorrect information appearing on his/her license as a result of incorrectly submitted information. An additional fee will be charged to the candidate for preparation of a replacement license as a result of incorrect information supplied by the candidate.

Upon verification/completion of the 2000 Dental Licensure Examination Candidate Address and License Information Form by all candidates, the Board's examination committee chairman and Executive Director will make a presentation and conduct a brief question and answer session. Upon conclusion of orientation, candidates are to immediately report to the Preclinical Laboratories E, F, G, and H on the fifth floor of the University of Mississippi Medical Center School of Dentistry to begin the Endodontics and Typodont exercises.

Endodontics Exercise

1. Candidate Packets

White candidate packets will be placed on each laboratory work station. The candidate should ensure his/her candidate number corresponds to the candidate packet at the candidate's work station. The candidate packets will be labeled with the candidate's number and "Day 1" and will contain the following items:

- a. Endodontic Exercise Grade Sheet (white paper)
- b. Typodont Exercise Grade Sheet (gold paper)
- c. Model Acceptability Form (gold paper)
- d. One plastic bag

Candidates should very carefully check the contents of each candidate packet and notify Board personnel if any item listed above is not in the packet. The candidate's endodontic block number will correspond to the typodont number and will be recorded on the appropriate forms during the starting check.

2. Examination Requirements

The candidate will prepare an endodontic access and canal obturation of a maxillary permanent central incisor in a technique laboratory. The examination consists of performing endodontic therapy with a gutta percha fill to the cemento-enamel junction. Carrier-based thermoplasticized gutta percha techniques and gutta percha guns are **NOT** to be used. There should not be any gutta percha fill coronal to the cemento-enamel junction. Mechanical instrumentation is acceptable.

3. Tooth Selection

This procedure will be completed on a maxillary permanent central incisor. The tooth selected must have an intact crown; that is, the crown cannot display any fractures which obviously involve the pulp chamber. A tooth exhibiting craze lines, restorations which do not cover the entire lingual surface, Class 4 fractures, and enamel fractures is acceptable. Unrestored lesions which extend into the pulp chamber are unacceptable. It is advisable to choose an easily treatable case and to keep the tooth from becoming brittle and breaking during treatment. Candidates are expected to follow universal precautions when working with the endodontic model. If the tooth should break during treatment, a new tooth/model must be obtained/prepared. Before using this second model, it must be approved by the clinical floor examiner.

4. Endodontic Model

The endodontic model must be prepared prior to the examination with the tooth mounted in opaque pink acrylic as follows:

- a. The candidate should cut a strip of metal or boxing wax approximately 3/4" x 4 1/8" (sufficient to cover the tooth and wax) and fold it to form a cube measuring 1" on each side. Sides must be flat to allow for radiographs Buccal-Lingual and Mesio-Distal. Example 1 on page 19 indicates how to construct the endodontic block.
- b. The candidate must place balls of soft red carding wax (or similar soft wax) at the apices of the root of the tooth. The wax should measure 4mm or more in diameter and be clearly seen on the pre-operative radiograph.
- c. The candidate should cut a small horizontal notch in the coronal third of the tooth root on the buccal or lingual surface. This notch will lock the tooth into the acrylic and prevent removal or displacement of the tooth. The candidate should be careful not to enter the root canal space.
- d. The candidate should fill the cube with an opaque pink acrylic.
- e. The candidate should place the tooth in the mold, centering it from side-to-side and embedding the tooth to the cemento-enamel junction but not deep enough to expose the red wax on the bottom of the tooth. If the combined length of the tooth and wax ball is greater than 3/4", the cube may be made longer to accommodate the tooth and wax. The pre-operative radiograph must clearly show the radiolucency of the wax at least 4mm beyond the tip of the root. Failure to do so will result in rejection of the tooth. The tooth root and wax ball must be completely covered in the solid acrylic block.
- f. Example 2 on page 19 is a properly sized and positioned tooth in an acrylic block.

5. **Radiographs**

The candidate will provide a pre-operative radiograph of diagnostic quality of the mounted tooth from a buccal-lingual view and a mesio-distal view. The two pre-operative films will be placed in a four film mount, leaving space for the two post-operative radiographs. Only the endodontic block number will appear on the film mount. No other information should appear on the film mount. Example 3 on page 20 demonstrates correct pre-operative views of the endodontic block – mesio-distal view and buccal-lingual view.

6. **Starting Check**

Prior to beginning the exercise, the clinical floor examiner will examine the block and radiographs to issue a starting check. The candidate must have the following available for the clinical floor examiner.

- a. Acrylic block
- b. Pre-operative radiographs
- c. Endodontic Exercise Grade sheet
- d. Typodont Exercise Grade sheet

- e. Candidate Check Card
- f. Model Acceptability Form

Blocks will be rejected if:

- a. The tooth is improperly mounted in acrylic
- b. It does not have an intact crown
- c. Radiographs are not diagnostic
- d. Wax ball is not visible 4mm beyond the apex
- e. Wax ball is not covered by at least 1mm of solid acrylic
- f. Wax is not clearly seen on the radiograph

7. **Time Restraints**

This procedure will be completed during Day 1 of the examination. The candidate may perform this procedure at any time during the day; however, it must be completed by 4:30 p.m. The candidate should allow sufficient time to perform the procedure and to take and develop any working radiographs and all required post-operative radiographs. If the candidate fails to budget sufficient time, an extension will **NOT** be allowed.

8. **Assistants**

Assistants are **NOT** permitted for this procedure. Candidates may not assist each other during this procedure.

9. **Textbooks**

Written materials/textbooks/drawings, excluding the candidate's examination manual, may not be used for this procedure.

10. **Endodontics Grading Procedure**

After condensation of the gutta percha, the candidate is to obtain two radiographs, one in the buccal-lingual view and one in the mesio-distal view. These films are to be mounted in the four film mount with the pre-operative films. Only the endodontic block number should appear on this mount. Example 4 on page 20 demonstrates correct post-operative radiographic views of the endodontic block.

After the candidate has completed the endodontic exercise, the candidate must write the block number in the space provided on the label affixed to the endodontics exercise plastic bag and place the endodontically treated tooth block, film mount, and Endodontic Exercise Grade Sheet in the plastic bag and deliver it to the clinical floor examiner, along with the Candidate Check Card. The clinical floor examiner will place his/her examiner number on the Candidate Check Card signifying receipt of the endodontic model.

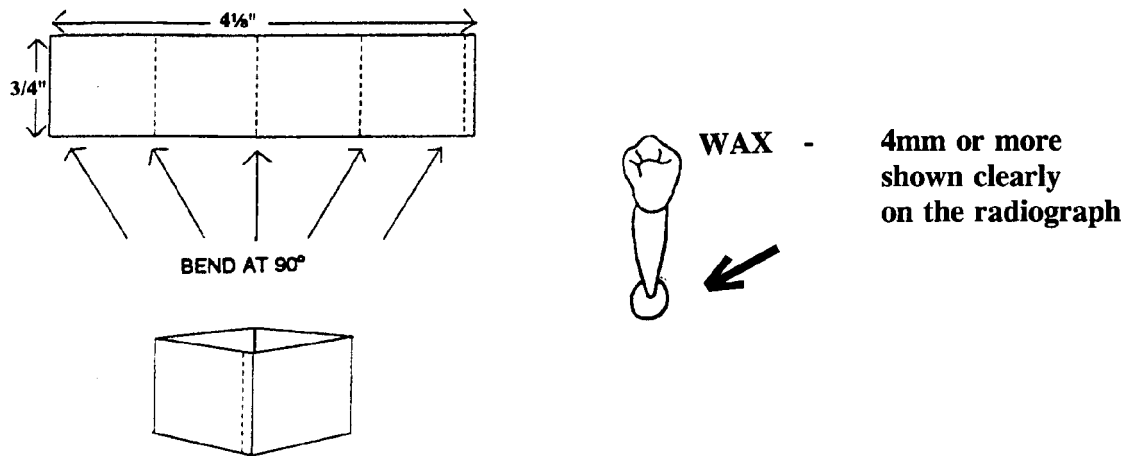
11. **Grading Criteria**

The following are categories that the grading examiners will evaluate in the endodontic exercise:

- a. Access
- b. Obturation

ENDODONTICS EXERCISE EXAMPLES

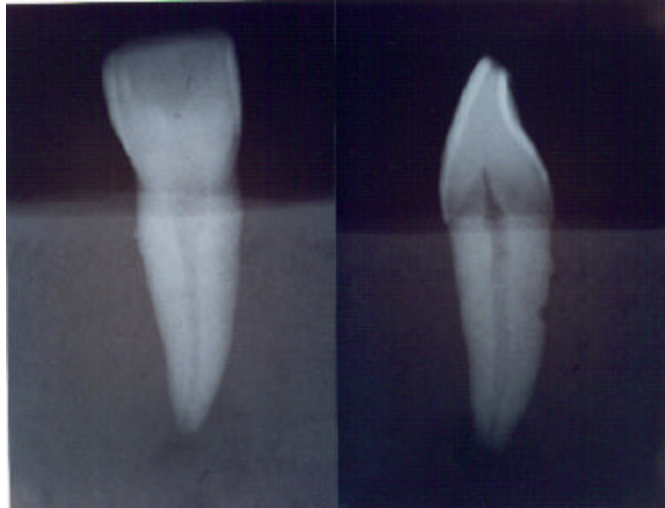
EXAMPLE 1-ENDODONTIC BLOCK FABRICATION



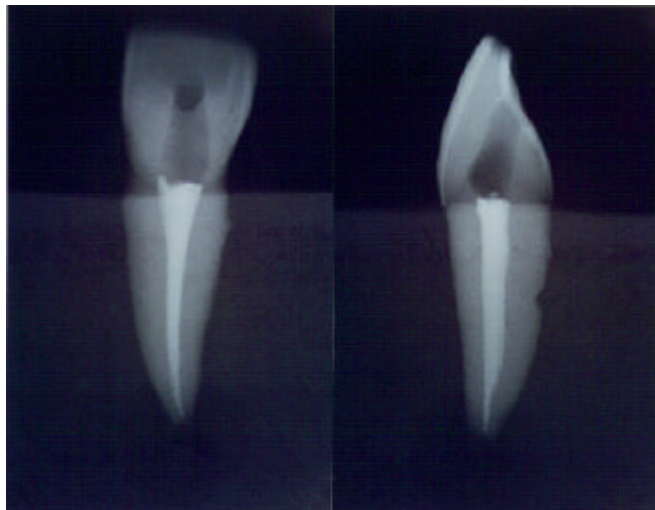
EXAMPLE 2-PROPERLY SIZED ENDODONTIC BLOCK



EXAMPLE 3—PRE-OPERATIVE RADIOGRAPHIC VIEWS



EXAMPLE 4—POST-OPERATIVE RADIOGRAPHIC VIEWS



Typodont Exercise

1. Candidate Packets

White candidate packets will be placed on each laboratory work station when the candidates arrive in the preclinical laboratories. The following items will be in the candidate packet:

- a. Endodontic Exercise Grade Sheet
- b. Typodont Exercise Grade Sheet
- c. Model Acceptability Form
- d. One plastic bag

2. Examination Requirements

The typodont exercise is a simulated patient exercise consisting of three sections:

- a. The preparation of a maxillary anterior central incisor (#9) for a porcelain fused to metal restoration;
- b. The preparation of a maxillary bicuspid (#5) and a maxillary molar (#3) which will serve as abutments for a fixed partial denture for a porcelain fused to metal restoration; and
- c. A finished MODL carved amalgam restoration on a maxillary molar (#14) which replaces the distolingual cusp.

3. Assistants

Assistants are **NOT** allowed for this procedure. Candidates may not assist each other during this procedure.

4. Textbooks

Written materials/textbooks/drawings, excluding the candidate's examination manual, may not be used for this procedure.

5. Assigned Teeth

The candidate may not remove teeth from the typodont without permission from the clinical floor examiner. Once a procedure has been started, the procedure must be carried to completion on the assigned tooth with no substitutions permitted.

6. Starting Check

These procedures will be completed on a typodont model in a laboratory setting utilizing teeth made from a ceramic composite crown material. Only typodonts and teeth supplied by the

Mississippi State Board of Dental Examiners may be used for the exercise. Prior to beginning the procedure, the candidate will examine the typodont for acceptability. The candidate will place his/her candidate number on the Model Acceptability Form indicating that the typodont is acceptable. If the typodont/teeth are unacceptable, the clinical floor examiner will either replace the typodont/teeth or so indicate the discrepancy on the Model Acceptability Form, and the candidate will initial this notation with his/her candidate number.

A candidate should check his/her typodont box to determine whether a Prior Model Damage Form has been placed in the typodont box. All typodonts have been pre-evaluated for prior damage by the Board, and noticeable damage has been noted on the Prior Model Damage Form. **IF A PRIOR MODEL DAMAGE FORM HAS NOT BEEN COMPLETED FOR A TYPODONT, THE BOARD HAS DETERMINED THAT NO DAMAGE EXISTS TO THE TYPODONT WHICH WOULD ADVERSELY AFFECT THE CANDIDATE'S GRADE; CONSEQUENTLY, CANDIDATES ARE NOT ALLOWED TO REQUEST THAT A PRIOR MODEL DAMAGE FORM BE COMPLETED FOR HIS/HER TYPODONT.** The Prior Model Damage Form must remain with the typodont throughout this exercise, and it is the candidate's responsibility to ensure that this form remains with the typodont during the exercise. The Board is not liable for a candidate's failure to maintain his/her Prior Model Damage Form and/or failure to send the form to grading with the typodont.

Candidates will not begin the exercises until **ALL CANDIDATES** have been given starting checks, and once a candidate has been given a starting check, he/she must exit the preclinical laboratory until all candidates have been given starting checks. In other words, the same starting time will be given to all candidates, and no candidate may begin the exercises until a starting time has been given to all candidates by the clinical floor examiner. The candidate may perform the exercises in any order that he/she may choose. It is **NOT** necessary to obtain an individual starting check for each procedure; however, the Typodont Exercise Grade Sheet and Candidate Check Card must be available for the clinical floor examiner at the beginning of the typodont exercise.

7. **Preparation Design--Examination Guidelines for Preparation of Anterior Porcelain Fused to Metal Restoration**

- a. Incisal Edge Reduction
 - (1) 1.5mm - 2.0mm incisal edge reduction
 - (2) No sharp angles or edges remaining on reduced incisal edge
 - (3) Thickness of reduced edge is .8mm - 1.0mm facio-lingually

b. Facial Surface Reduction

- (1) Approximately 1.2mm over the incisal 3/4 of the facial surface
- (2) Approximately 1.0mm - 1.2mm reduction at gingival finish line with a 90° shoulder
- (3) Margins finished slightly above the typodont gingival tissue
- (4) Reduction should be accomplished in two (2) planes

c. Interproximal Reduction

- (1) Approximately 1.2mm axially with an approximately 1.0mm reduction at the finish line
- (2) Ninety degree (90°) shoulder should continue 1.0mm lingual to the interproximal contact and then change to a chamfer/sloping shoulder finish line lingually which follows the contour of the gingiva
- (3) Adjacent teeth must not be abraded
- (4) Taper of each axial wall should be 3° to 6° and not greater than 10°

d. Lingual Reduction

- (1) 1.0mm reduction
- (2) Lingual reduction of the concave surface should not extend so far that the vertical lingual wall is overshortened
- (3) 2.0mm - 3.0mm of vertical wall should remain at the gingival portion of the preparation
- (4) Reduction at the finish line of the lingual wall should be 1.0mm
- (5) No undercuts should exist in the preparation

e. Examples 5, 6, and 7 on page 27 are facial, incisal, and lingual views of the Anterior Porcelain Fused to Metal Restoration

8. **Preparation Design--Examination Guidelines for Preparation of Posterior Abutments for Fixed Partial Denture**

a. Occlusal Reduction

- (1) 1.5mm - 2.0mm anatomical reduction including a lingual functional cusp bevel

b. Facial Surface Reduction

- (1) Approximately 1.2mm reduction in occlusal 3/4 of the facial surface
- (2) Facial reduction should occur in two (2) planes
- (3) 1.0mm - 1.2mm reduction should be accomplished at the facial margin
- (4) Facial wall should exhibit a 3° to 6° taper and no more than a 10° taper
- (5) Beveled shoulder of 135°

c. Interproximal Reduction

- (1) Approximately 1.2mm should be reduced interproximally
- (2) Finish line should follow contour of typodont gingiva finishing slightly above the typodont gingival tissue
- (3) Width of finish line should be approximately 1.0mm
- (4) Adjacent teeth must not be abraded
- (5) Taper of each axial wall should be 3° to 6° and not greater than 10°

d. Lingual Reduction

- (1) Lingual wall should be 3° to 6° taper
- (2) No undercuts should exist in the preparation

e. Examples 8, 9, and 10 on page 28 are buccal, lingual, and occlusal views of the Posterior Abutments for Fixed Partial Denture

9. **Anatomical Design–Examination Guidelines for Finished Carved Amalgam**

- a. Adequate reproduction of anatomical features
- b. Correct interproximal contact and contour allowing floss to pass through with resistance
- c. Smooth transition from tooth structure to restoration without “ditching” or “flash”
- d. Smooth surface free of voids, pitting, or scratches
- e. Examples 11 and 12 on page 29 are occlusal and lingual views of the Finished Carved Amalgam

10. **Time Restraints**

The typodont procedure will be performed during Day 1 of the examination. The candidate may perform these procedures in any sequence at any time; however, they must be completed by 4:30 p.m. If the candidate fails to budget sufficient time, an extension will **NOT** be allowed.

11. **Typodont Grading Procedure**

When the candidate has completed all of the typodont exercises, protective wrapping is placed between the upper and lower models then affixed together with a rubber band. The typodont model is placed in the storage box and delivered to Board staff along with the Typodont Exercise Grade Sheet and the Model Acceptability Form. If a Prior Model Damage Form was originally included in the candidate’s typodont box, the candidate must ensure that (1) this form is placed in the typodont box prior to submitting the typodont for grading; and (2) the Prior Model Damage Form section on the Model Acceptability Form has been completed. The clinical floor examiner will place his/her examiner number on the Candidate Check Card signifying receipt of the typodont. A Board staff member will examine the typodont for any damage and note such damage on the Model Acceptability Form. The candidate will initial this form with his/her candidate number indicating awareness of such damage. Such damage to any part of the typodont is cause to withhold the results of the entire examination until a satisfactory settlement (financial or replacement of the damaged part) is reached. The Model Acceptability Form is placed in the white candidate packet.

The white candidate packet, including the Model Acceptability Form, should be returned to a Board staff member at the conclusion of the typodont exercise.

12. **Grading Criteria**

The following are categories that the grading examiners will evaluate in the finished carved amalgam restoration:

- a. Anatomy
- b. Finish Lines and Surface Finish
- c. Treatment Management

The following are categories that the grading examiners will evaluate in the anterior and posterior crown preparations:

- a. Margins and Path of Insertion
- b. Retention/Resistance Form
- c. Treatment Management

TYPODONT EXERCISE EXAMPLES

EXAMPLE 5 -- FACIAL VIEW



EXAMPLE 6 – INCISAL VIEW



EXAMPLE 7 – LINGUAL VIEW



EXAMPLE 8 – BUCCAL VIEW



EXAMPLE 9 – LINGUAL VIEW



EXAMPLE 10 – OCCLUSAL VIEW



EXAMPLE 11 – OCCLUSAL VIEW



EXAMPLE 12 – LINGUAL VIEW



DAY 2-- THURSDAY, MAY 25, 2000

CLINICAL EXERCISES	
8:00 a.m. to 8:30 a.m.	OPERATORY SETUP Fourth Floor
8:30 a.m. to 9:00 a.m.	STARTING CHECKS
9:00 a.m.	A. Class 2 Amalgam Restoration B. Class 3 Composite Restoration C. Removable Prosthetics 1. Final Impressions 2. Centric Jaw Relation 3. Vertical Dimension
4:30 p.m.	CLINIC CLOSING

Class 2 Amalgam Restoration

If a candidate has the same patient for both the Class 2 Amalgam Restoration and Class 3 Composite Restoration procedures, he/she may receive a starting check for both procedures at the same time; however, the candidate must fulfill all requirements for both procedures' starting checks. (For further information regarding starting checks for the Class 2 Amalgam Restoration and the Class 3 Composite Restoration procedures, see pages 33 and 43.)

1. Candidate Packets

Green candidate packets labeled with the candidate's number and "Day 2" will be placed in each candidate's operatory. The candidate should ensure his/her candidate number corresponds to the candidate packet in his/her operatory. The candidate packets will contain the following items:

- a. Amalgam Preparation Grade Sheet (blue paper)
- b. Amalgam Finished Carved Restoration Grade Sheet (blue paper)
- c. Composite Preparation Grade Sheet (green paper)
- d. Composite Finished Restoration Grade Sheet (green paper)
- e. Removable Prosthetics Grade Sheet (yellow paper)
- f. Three (3) randomly assigned patient numbers
- g. Four (4) plastic bags indicated by procedure

Candidates should very carefully check the contents of each candidate packet and notify Board personnel if any item listed above is not in the packet.

2. **Examination Requirements**

The candidate must complete a Class 2 amalgam with contact established against virgin tooth structure or a permanently restored surface or surfaces of the adjacent tooth.

3. **Tooth Selection**

This procedure will be completed on a vital tooth exhibiting a virgin interproximal carious lesion. There will be a tooth or teeth in the opposing arch that will occlude with the amalgam finished carved restoration. The dentition opposing the finished restoration must not be of a temporary material, full denture, or removable partial denture. Mandibular first premolars are unacceptable for this restoration. An existing buccal or lingual pit restoration may be present; however, the interproximal caries must not extend into this restoration. A tooth with an existing occlusal restoration exhibiting interproximal caries is unacceptable. The adjacent tooth may not have a stainless steel crown, temporary plastic crown, or caries apical to the gingival floor of the restoration. However, the adjacent tooth may have an incipient lesion which does not extend into the dentin or compromise the integrity of the marginal ridge. The proximal surface of the tooth adjacent to the proposed interproximal restoration must be either a non-restored enamel surface or a permanent restoration so that a contact is restored. A maxillary molar with caries on one proximal surface with the other proximal surface previously restored may be used for this procedure, provided the existing restoration does not cross the oblique ridge.

4. **Pre-operative Casts**

A pre-operative diagnostic cast will be made prior to the examination and poured in buff stone. This cast may be either of the full arch or of the quadrant to be treated.

5. **Radiographs**

A pre-operative periapical and bitewing radiograph of the tooth to be restored clearly demonstrating caries to the dentoenamel junction are to be placed in the first two openings of a four film radiographic mount. This mount is to be labeled with the patient's number only.

6. **Medical Health History Form**

A patient medical history is required for this procedure, even if the same patient is used for multiple procedures. These forms are provided to the candidate by the University of Mississippi Medical Center School of Dentistry and are discussed in the instructions on page 106. Medical Health History Forms are not signed by the candidate until the day of the procedure. The candidate must update the health history with the patient and have the patient sign the Medical Health History Form update section. These forms may have all other pertinent information completed beforehand; however, they must not be signed by the candidate until the date of the procedure and only then by a **CANDIDATE NUMBER (NOT**

SIGNATURE). This should be done during the operatory setup phase. However, for the initial starting check only, the candidate must not put his/her candidate number on the form until after an initial starting check has been given. Patients with conditions that could jeopardize the health of the patient, candidate, or examiner, e.g., Acquired Immune Deficiency Syndrome, blood dyscrasias, heart conditions, diabetes, hepatitis, venereal diseases, systemic conditions, tuberculosis, etc., will not be acceptable without written clearance from the patient's physician. Telephone releases regarding the patient's health history conditions are not acceptable. Patients requiring premedication should be advised to take these medications according to proper directions.

7. **Assistants**

Assistants are allowed for this procedure. Candidates may not assist each other during this procedure.

8. **Textbooks**

Written materials/textbooks/drawings, excluding the candidate's examination manual, may not be used for this procedure.

9. **Pain Control**

Pain control shall be limited to the use of a local anesthetic. Anesthetic solution must **NOT** be administered prior to receiving a starting check.

10. **Isolation**

A rubber dam **MUST** be in place during this procedure. Isolation will be, at a minimum, one tooth anterior and one tooth posterior to the tooth being prepared. Single tooth isolation is not permitted. It is recommended that a rubber dam napkin also be utilized. The amalgam preparation will be graded with the rubber dam in place. The finished amalgam will be graded with the rubber dam removed. Example 13 on page 39 illustrates appropriate rubber dam isolation.

11. **Initial Starting Check**

All candidates will vacate their assigned clinic when notified by Board personnel. The candidate should indicate on the Amalgam Preparation Grade Sheet and the Amalgam Finished Carved Restoration Grade Sheet the patient number, tooth number, and surface he/she intends to prepare/restore. Prior to leaving the clinic, candidates will remove the operatory numbers from their units and ensure all operatory lights are turned on and pointed toward the ceiling. Board examiners will enter the clinic and examine the patient. After receiving the initial starting check, all other starting checks will be given by the clinical floor examiner. Only the following should be available for an amalgam starting check:

- a. Pre-operative Periapical and Bitewing Radiographs
- b. Front Surface Mirror
- c. Explorer
- d. Pre-operative Cast
- e. Medical Health History Form (without candidate number)
- f. Patient Disclaimer, Consent, and Release Form (without candidate number)
- g. Amalgam Preparation Grade Sheet
- h. Amalgam Finished Carved Restoration Grade Sheet
- i. Candidate Check Card

If the patient is acceptable, a starting check will be indicated on the Candidate Check Card and both grade sheets. If the patient or tooth is unacceptable, a rejection notice will be left in the operatory. It will be the candidate's responsibility to obtain another patient. The starting check for the second patient will be given by the clinical floor examiner.

12. **Preparation Design–Examination Guidelines for Class 2 Amalgam Restoration**

- a. Outline Form
 - (1) Margins must be extended to include all carious and decalcified tooth structure
 - (2) Margins should be extended to areas which enable the patient to institute successful oral hygiene practices
 - (3) Margins should be placed in areas which enable proper insertion, finishing, and inspection of the restoration
- b. Convenience Form
 - (1) All attempts must be made for conservation of tooth structure
 - (2) Extension for convenience should allow for proper development of internal cavity design
 - (3) Proper access to the extent of caries must be accomplished
- c. Resistance Form
 - (1) Attempts must be made for conservation of tooth structure
 - (2) All undermined enamel must be removed
 - (3) Unnecessary occlusal convergence of facial, lingual, and proximal walls should be avoided
 - (4) Internal line angles must be slightly rounded

- (5) Pulpal and axial walls should be placed in dentin
 - (6) Pulpal and gingival walls are designed flat and perpendicular to axial walls
- d. Retention Form
 - (1) All attempts must be made for conservation of tooth structure
 - (2) Independent surface retention must be present in all components of the preparation such as occlusal interlocks (dovetails) when indicated
 - (3) Facial, lingual, and proximal walls should be converged occlusally
- e. Finish of Enamel Walls
 - (1) Best possible cavosurface margin is necessary for adaptation of restorative material
 - (2) Enamel walls should be free of sharp curves, resulting in a smooth continuous design
- f. Removal of Deep Caries
 - (1) All carious material should be removed
 - (2) Pulp should be properly protected by a liner and base if indicated after removal of deep caries
- g. Toilet of the Cavity
 - (1) All debris should be removed
 - (2) Cleansing agents and medicaments that have been shown to be irritating to the pulp should not be utilized

13. **Deviation of Preparation Outline**

Should the need arise to make a major modification of the preparation, the candidate is required to complete a deviation form with written justification for such deviation and the proposed treatment. A major deviation is defined as a fractured cusp during the preparation necessitating replacement of the cusp, caries undermining an existing cusp necessitating replacement of the cusp, or caries extending into the other interproximal area requiring inclusion of that proximal surface into the restoration. Deviation forms may be obtained from Board staff. After completion of the deviation form and before proceeding with the preparation, the candidate must summon the clinical floor examiner to clinically observe the stated need for the major deviation. No tunnel or slot amalgam preparations will be allowed on this examination.

14. **Pulpal Exposure**

If a candidate anticipates or actually causes a pulpal exposure, the clinical floor examiner must be notified at once. If an actual pulpal exposure does occur, the patient will be advised by the candidate of such exposure and the need for possible follow-up treatment.

15. **Time Restraints**

This procedure will be completed on Day 2 of the examination. The candidate may perform this procedure at any time during that day; however, it must be completed by 4:30 p.m. The candidate should allow sufficient time to perform the procedure and to take and develop the required post-operative radiograph. If the candidate fails to budget sufficient time, a time extension will **NOT** be allowed. The candidate then must place a temporary restoration and advise the patient of such actions.

16. **Amalgam Preparation Grading Procedure**

A quadrant alginate impression of the preparation will be made by the candidate and placed in a plastic bag, labeled with the patient number, tooth number, candidate number, and tooth surface, and turned in to the grading clinic receptionist at the time the patient is presented to the grading area. The patient will be assigned a number that indicates his/her position relative to being examined by the grading examiners. The following material is to be placed in the candidate's box and carried by the candidate/assistant to the grading area:

- a. Mounted Pre-operative Periapical and Bitewing Radiographs
- b. Amalgam Preparation Grade Sheet
- c. Candidate Check Card
- d. Plastic bag containing quadrant alginate impression of preparation
- e. Pre-operative Cast

17. **Base/Liner Check**

After the patient returns from the grading area, the candidate will summon the clinical floor examiner for a base/liner check. The candidate will make the clinical decision whether to apply a base/liner. The clinical floor examiner must verify the decision; however, he/she may overrule the candidate's decision. Failure to obtain a base/liner check will require the candidate to remove the restoration prior to grading of the amalgam finished carved restoration, obtain a base/liner check, and redo the restoration. For the purposes of this exercise, the following definitions will be used:

- a. Liners are a cement or resin applied in a minimal thickness (0.5 mm or less)
 - (1) which provide a protective barrier
 - (2) which provide a therapeutic effect

Examples: Calcium hydroxide, zinc oxide, and glass ionomer liner (cavity varnishes and dentin adhesives are not considered as liners)

- b. Bases are a dentin replacement material for lost tooth structure
 - (1) which provide chemical and thermal insulation
 - (2) which have adequate strength to support the final restoration

Examples: Zinc phosphates, reinforced zinc-oxide eugenol, and glass ionomer bases

18. **Anatomical Design–Examination Guidelines for Amalgam Finished Carved Restoration**

- a. Correct occlusion
- b. Adequate reproduction of anatomical features
- c. Correct interproximal contact and contour allowing floss to pass through with resistance
- d. Smooth transition from tooth structure to restoration without “ditching” or “flash”
- e. Smooth surface free of voids, pitting, or scratches

19. **Amalgam Finished Carved Restoration**

The condensed and carved amalgam surface should **NOT** be polished or altered by abrasive rotary instrumentation except for purposes of adjusting occlusion. The candidate should be familiar with the properties of the amalgam being used and should allow sufficient time for the amalgam to set before sending the patient with the amalgam finished carved restoration to the grading area.

20. **Amalgam Finished Carved Restoration Grading Procedure**

A quadrant alginate impression of the amalgam finished carved restoration will be made by the candidate, placed in a plastic bag with the pre-operative cast, and the plastic bag labeled with the patient number, tooth number, candidate number, and tooth surface. The plastic bag should be turned in to the grading clinic receptionist at the time the patient is presented to the grading area. A post-operative bitewing radiograph will be made of the finished carved restoration at this time. The patient will be assigned a number that represents his/her position relative to being graded by the grading examiners. The rubber dam is to be removed for grading of the amalgam finished carved restoration. The following material is to be placed in the candidate's box and carried by the candidate/assistant to the grading area:

- a. Mounted Pre-operative Radiographs and Post-operative Bitewing Radiograph
- b. Amalgam Finished Carved Restoration Grade Sheet
- c. Candidate Check Card

- d. Plastic bag containing quadrant alginate impression of finished restoration and pre-operative cast

21. **Grading Criteria**

The following are categories that the grading examiners will evaluate in the amalgam preparation:

- a. Outline and Extension
- b. Internal Form
- c. Operative Environment

The following are categories that the grading examiners will evaluate in the amalgam finished carved restoration:

- a. Anatomy and Occlusion
- b. Margins and Surface Finish
- c. Treatment Management

RUBBER DAM ISOLATION EXAMPLE

EXAMPLE 13–RUBBER DAM ISOLATION



Class 3 Composite Restoration

1. Candidate Packets

Green candidate packets labeled with the candidate's number and "Day 2" will be placed in each candidate's operatory. The candidate packets will contain the following items:

- a. Amalgam Preparation Grade Sheet
- b. Amalgam Finished Carved Restoration Grade Sheet
- c. Composite Preparation Grade Sheet
- d. Composite Finished Restoration Grade Sheet
- e. Removable Prosthetics Grade Sheet
- f. Three (3) randomly assigned patient numbers
- g. Four (4) plastic bags indicated by procedure

2. Examination Requirements

The candidate must complete a Class 3 composite restoration on a vital tooth which exhibits a virgin interproximal carious lesion.

3. Tooth Selection

The adjacent tooth in contact must be without caries in the contact area. The tooth may be in contact with a previously restored lesion or a full crown. It may not be in contact with a bridge pontic. Access for the preparation must be made from the lingual. All other carious lesions in the tooth must be restored prior to the Class 3 lesion that is to be prepared and graded. That is, if the tooth exhibits both mesial and distal carious lesions, the candidate must restore both lesions, but will indicate which surface is to be graded prior to beginning the procedure. The lesion may be gingival to the contact point, and if such, the preparation does not have to break the contact. Cuspids with caries on the distal are acceptable for this procedure.

4. Pre-operative Casts

A pre-operative diagnostic cast will be made prior to the examination and poured in buff stone. This cast may be either of the full arch or of the quadrant to be treated.

5. Radiographs

A pre-operative periapical radiograph of the tooth to be restored clearly demonstrating caries to the dentoenamel junction is to be placed in a four-hole radiographic mount. This mount is to be labeled with the patient's number only.

6. **Medical Health History Form**

A patient medical history is required for this procedure, even if the same patient is used for multiple procedures. These forms are provided to the candidate by the University of Mississippi Medical Center School of Dentistry and are discussed in the instructions on page 106. Medical Health History Forms are not signed by the candidate until the day of the procedure. The candidate must update the health history with the patient and have the patient sign the Medical Health History Form update section. These forms may have all other pertinent information completed beforehand; however, they must not be signed by the candidate until the date of the procedure and only then by a **CANDIDATE NUMBER (NOT SIGNATURE)**. This should be done during the operatory setup phase. However, for the initial starting check only, the candidate must not put his/her candidate number on the form until after an initial starting check has been given. Patients with conditions that could jeopardize the health of the patient, candidate, or examiner, e.g., Acquired Immune Deficiency Syndrome, blood dyscrasias, heart conditions, diabetes, hepatitis, venereal diseases, systemic conditions, tuberculosis, etc., will not be acceptable without written clearance from the patient's physician. Telephone releases regarding the patient's health history conditions are not acceptable. Patients requiring premedication should be advised to take these medications according to proper directions.

7. **Assistants**

Assistants are allowed for this procedure. Candidates may not assist each other during this procedure.

8. **Textbooks**

Written materials/textbooks/drawings, excluding the candidate's examination manual, may not be used for this procedure.

9. **Pain Control**

Pain control shall be limited to the use of local anesthetic. Anesthetic solution must **NOT** be administered prior to receiving a starting check.

10. **Isolation**

A rubber dam **MUST** be in place during this procedure. Isolation will be, at a minimum, one tooth mesial and one tooth distal to the tooth being prepared. Single tooth isolation is not permitted. It is recommended that a rubber dam napkin also be utilized. The composite preparation will be graded with the rubber dam in place. The finished composite will be graded with the rubber dam removed. Example 13 on page 39 illustrates proper rubber dam isolation at a minimum.

11. **Initial Starting Check**

All candidates will vacate their assigned clinic when notified by Board personnel. The candidate should indicate on the Composite Preparation Grade Sheet and the Composite Finished Restoration Grade Sheet the patient number, tooth number, and surface he/she intends to prepare/restore. Prior to leaving the clinic, candidates will remove the operatory numbers from their units and ensure all operatory lights are turned on and pointed toward the ceiling. Board examiners will enter the clinic and examine the patient. After receiving the initial starting check, all other starting checks will be given by the clinical floor examiner. Only the following should be available for a composite starting check:

- a. Pre-operative Periapical Radiograph
- b. Front Surface Mirror
- c. Explorer
- d. Pre-operative Cast
- e. Medical Health History Form (without candidate number)
- f. Patient Disclaimer, Consent, and Release Form (without candidate number)
- g. Composite Preparation Grade Sheet
- h. Composite Finished Restoration Grade Sheet
- i. Candidate Check Card

If the patient is acceptable, a starting check will be indicated on the Candidate Check Card and both grade sheets. If the patient or tooth is unacceptable, a rejection notice will be left in the operatory. It will be the candidate's responsibility to obtain another patient. The starting check for the second patient will be given by the clinical floor examiner.

12. **Preparation Design–Examination Guidelines for Class 3 Composite Restoration**

- a. Outline Form and Extension
 - (1) Outline form is “C” or “D” shaped with the incisal wall located in the proximal contact area for minimal caries
 - (2) Outline form provides enough access for complete carious removal with margins extended to include all carious and decalcified tooth structure and allows room for proper material insertion
 - (3) Margins terminate on sound tooth structure
 - (4) Gingival floor location must break contact by at least .2mm from the adjacent tooth if caries is in the contact point
 - (5) Facial wall is approximately 90° to the axial wall and parallels the facial surface
 - (6) Incisal and gingival walls should be almost parallel to each other and should not be rough or irregular

- (7) All margins should be placed in areas that enable proper insertion, finishing, and inspection of the restoration
- (8) Enamel cavosurface bevels should be distinct, 0.5mm in width, and placed on all accessible cavosurface margins—does not include the facial cavosurface margin
- (9) The facial cavosurface margin is usually visible from the facial proximal aspect

b. Internal Form

- (1) Axial wall should be deep enough to allow the removal of all carious or decalcified tooth structure
- (2) Axial wall should usually extend slightly into the dentin
- (3) Axial wall is flat or has a slight convexity corresponding to the external tooth surfaces
- (4) Cavity walls should be definite, smooth, and not jagged or irregular

13. **Deviation of Preparation Outline**

Should the need arise to make a major modification of the preparation, the candidate is required to complete a deviation form with written justification for such deviation and the proposed treatment. A major deviation is defined as a fractured incisal edge during the preparation necessitating replacement of the incisal edge or caries undermining an existing incisal edge necessitating replacement of the incisal edge. Deviation forms may be obtained from Board staff. After completion of the deviation form and before proceeding with the preparation, the candidate must summon the clinical floor examiner to clinically observe the stated need for the major deviation.

14. **Pulpal Exposure**

If a candidate anticipates or actually causes a pulpal exposure, the clinical floor examiner must be notified at once. If an actual pulpal exposure does occur, the patient will be advised by the candidate of such exposure and the need for possible follow-up treatment.

15. **Time Restraints**

This procedure will be completed on Day 2 of the examination. The candidate may perform this procedure at any time during that day; however, it must be completed by 4:30 p.m. The candidate should allow sufficient time to perform the procedure and to take and develop the required post-operative radiograph. If the candidate fails to budget sufficient time, a time extension will **NOT** be allowed. The candidate then must place a temporary restoration and advise the patient of such actions.

16. **Composite Preparation Grading Procedure**

After completion of the preparation, the following material is to be placed in the candidate's box and carried by the candidate/assistant to the grading area:

- a. Mounted Pre-operative Periapical Radiograph
- b. Composite Preparation Grade Sheet
- c. Candidate Check Card
- d. Pre-operative Cast

The patient will be assigned a number that indicates his/her position relative to being examined by the grading examiners.

17. **Base/Liner Check**

After the patient returns from the grading area, the candidate will summon the clinical floor examiner for a base/liner check. The candidate will make the clinical decision whether to apply a base/liner. The clinical floor examiner must verify the decision; however, the clinical floor examiner may overrule the candidate's decision. Failure to obtain a base/liner check will require the candidate to remove the restoration prior to grading of the composite finished restoration, obtain a base/liner check, and redo the restoration. For the purposes of this exercise, the following definitions will be used:

- a. Liners are a cement or resin applied in a minimal thickness (0.5 mm or less)
 - (1) which provide a protective barrier
 - (2) which provide a therapeutic effect

Examples: Calcium hydroxide, zinc oxide, and glass ionomer liner (cavity varnishes and dentin adhesives are not considered as liners)

- b. Bases are a dentin replacement material for lost tooth structure
 - (1) which provide chemical and thermal insulation
 - (2) which have adequate strength to support the final restoration

Examples: Zinc phosphate, reinforced zinc-oxide eugenol, and glass ionomer bases

18. **Composite Finished Restoration–Examination Guidelines for Class 3 Composite Restoration**

- a. Proximal Contour and Contact
 - (1) Axial contours are continuous with existing natural tooth form and restores proper shape and position
 - (2) Proximal embrasures and proximal contact are restored to ideal

- (3) Proximal contact should not be too open or too tight such that floss will not pass through
 - (4) Marginal ridge in the affected area is adequately restored to existing natural tooth form and function
 - (5) Centric and excursive contacts are restored such that no promaturities exist, and the contacts are consistent with the occlusion on the other existing natural teeth in proximity
- b. Margins and Integrity
- (1) Tooth restoration junction is such that it cannot be detected or is scarcely detected with an explorer
 - (2) Shade of restoration matches or blends harmoniously with the surrounding natural tooth—should be no staining or discoloration of the tooth restoration surface
 - (3) Tooth restoration interface should not be such that an explorer will penetrate with moderate force
 - (4) Gingival margin should be flush with the tooth such that there is no overhang of composite detectable with floss or an explorer
 - (5) There should not be an excess of composite beyond the tooth restoration interface, i.e., flash
- c. Surface Finish
- (1) Surface of the restoration should be uniformly smooth without voids or pits in the restoration or at the tooth restoration interface
 - (2) Adjacent tooth structure should not be marred or nicked during the finishing of the restoration

19. **Composite Finished Restoration Grading Procedure**

A quadrant alginate impression of the composite finished restoration will be made by the candidate, placed in a plastic bag with the pre-operative cast, and the plastic bag labeled with the patient number, tooth number, candidate number, and tooth surface. The plastic bag should be turned in to the grading clinic receptionist at the time the patient is presented to the grading area. The patient will be assigned a number that represents his/her position relative to being examined by the grading examiners. A post-operative periapical radiograph will be made of the finished restoration at this time. The rubber dam is to be removed for grading of the composite finished restoration. A glaze should not be applied to the composite finished

restoration. The following material is to be placed in the candidate's box and carried by the candidate/assistant to the grading area:

- a. Mounted Pre-operative and Post-operative Periapical Radiographs
- b. Composite Finished Restoration Grade Sheet
- c. Candidate Check Card
- d. Plastic bag containing quadrant alginate impression of finished restoration and pre-operative cast

20. **Grading Criteria**

The following are categories that the grading examiners will evaluate in the composite preparation:

- a. Outline and Extension
- b. Internal Form
- c. Operative Environment

The following are categories that the grading examiners will evaluate in the composite finished restoration:

- a. Contour/Contact/Occlusion
- b. Margins and Surface Finish
- c. Treatment Management

Removable Prosthetics

1. **Candidate Packets**

Green candidate packets labeled with the candidate's number and "Day 2" will be placed in each candidate's operatory. The candidate packets will contain the following items:

- a. Amalgam Preparation Grade Sheet
- b. Amalgam Finished Carved Restoration Grade Sheet
- c. Composite Preparation Grade Sheet
- d. Composite Finished Restoration Grade Sheet
- e. Removable Prosthetics Grade Sheet
- f. Three (3) randomly assigned patient numbers
- g. Four (4) plastic bags indicated by procedure

2. **Examination Requirements**

The candidate must complete a maxillary and a mandibular final impression and establish centric jaw relation and vertical dimension on a totally edentulous patient. The posterior palatal seal will be marked on the maxillary impression.

3. **Patient Selection**

The patient must be completely edentulous; however, overlay denture patients are acceptable for this examination. Custom impression trays and pre-made bite rims may be prepared prior to the examination.

4. **Pre-operative Casts**

The pre-operative casts used to fabricate custom impression trays are to be turned in to the grading clinic receptionist at the completion of this exercise.

5. **Pre-Made Bite Rims**

Pre-made bite rims may be used for this exercise. No modifications may be made to these pre-made bite rims other than attaching them to the base plates. The height of the maxillary wax rim anteriorly should be 22mm from the highest point on the labial flange to the edge of the occlusal surface of the wax occlusion rim. The occlusal surface of the occlusion rim at its posterior edge should be approximately 18mm below the edge of the peripheral border of the baseplate. Example 14 on page 53 illustrates the dimensions of a pre-made bite rim.

6. **Examination Guidelines for Removable Prosthetics Procedure**

a. Final Impressions

- (1) All desired anatomical structures are accurately recorded
- (2) No voids or pressure areas present in impression
- (3) Borders are properly extended and contoured
- (4) Posterior palatal seal accurately marked on the maxillary impression
- (5) Impressions exhibit appropriate retention and stability in patient's mouth
- (6) Examples 15 and 16 on page 53 illustrate acceptable maxillary and mandibular final impressions

b. Centric Jaw Relation

- (1) Bite rims interlock precisely, but can be separated easily for evaluation
- (2) Centric jaw relation (the most retruded position) has been recorded
- (3) Even occlusal contact is present
- (4) Example 17 on page 54 demonstrates an acceptable centric jaw relation

c. Vertical Dimension

- (1) 2mm - 3mm of freeway space
- (2) Bite rims contact evenly
- (3) Examples 18 and 19 on page 54 demonstrate acceptable vertical dimension

7. **Radiographs**

Radiographs are not required for this exercise.

8. **Medical Health History Form**

A patient medical history is required for this procedure, even if the same patient is used for multiple procedures. These forms are provided to the candidate by the University of Mississippi Medical Center School of Dentistry and are discussed in the instructions on page 106. Medical Health History Forms are not signed by the candidate until the day of the procedure. The candidate must update the health history with the patient and have the patient sign the Medical Health History Form update section. These forms may have all other pertinent information completed beforehand; however, they must not be signed by the candidate until the date of the procedure and only then by a **CANDIDATE NUMBER (NOT SIGNATURE)**. This should be done during the operatory setup phase. However, for the initial starting check only, the candidate must not put his/her candidate number on the form until after an initial starting check has been given. Patients with conditions that could jeopardize the health of the patient, candidate, or examiner, e.g., Acquired Immune Deficiency Syndrome, blood dyscrasias, heart conditions, diabetes, hepatitis, venereal diseases, systemic conditions, tuberculosis, etc., will not be acceptable without written clearance from the patient's physician. Telephone releases regarding the patient's health history conditions are not acceptable. Patients requiring premedication should be advised to take these medications according to proper directions.

9. **Assistants**

Assistants are allowed for this procedure. Candidates may not assist each other during this procedure.

10. **Textbooks**

Written materials/textbooks/drawings, excluding the candidate's examination manual, may not be used for this procedure.

11. **Initial Starting Check**

All candidates will vacate their assigned clinic when notified by Board personnel. Prior to leaving the clinic, candidates will remove the operatory numbers from their units and ensure all operatory lights are turned on and pointed toward the ceiling. Board examiners will enter the clinic and examine the patient. After receiving the initial starting check, all other starting checks will be given by the clinical floor examiner. The following should be available for a removable prosthetics starting check:

- a. Front Surface Mirror
- b. Pre-operative Casts
- c. Pre-made Bite Rims
- d. Medical Health History Form (without candidate number)
- e. Patient Disclaimer, Consent, and Release Form (without candidate number)
- f. Removable Prosthetics Grade Sheet
- g. Candidate Check Card

If the patient is acceptable, a starting check will be indicated on the Candidate Check Card and the grade sheet. If the patient is unacceptable, a rejection notice will be left in the operatory. It will be the candidate's responsibility to obtain another patient. The starting check for the second patient will be given by the clinical floor examiner.

12. **Time Restraints**

This procedure will be completed on Day 2 of the examination. The candidate may perform this procedure at any time during that day; however, it must be completed by 4:30 p.m. The candidate may perform the centric jaw relation prior to performing the final impressions if he/she so desires. The candidate should allow sufficient time to perform the procedure. If the candidate fails to budget sufficient time, an extension will **NOT** be allowed.

13. **Removable Prosthetics Grading Procedure**

After completion of the final impressions, centric jaw relation, and vertical dimension, the patient will be escorted to the grading area by the candidate or his/her assistant. The pre-operative casts, final denture impressions, and base plates with bite rims will be placed in a plastic bag labeled with the patient number. The plastic bag will be placed in the candidate's

box to be presented to the grading area receptionist. Neither the final impressions nor the base plates with bite rims are to be in the patient's mouth. The patient will be assigned a number that indicates his/her position relative to being examined by the grading examiners.

The following will be in the candidate's box:

- a. Plastic Bag Containing Pre-operative Casts, Final Impressions, and Base Plates with Bite Rims
- b. Removable Prosthetics Grade Sheet
- c. Candidate Check Card

The green candidate packet containing the three (3) randomly assigned patient numbers should be returned to Board staff at the conclusion of the exercises on Day 2.

14. **Grading Criteria**

The following are categories that the grading examiners will evaluate for the final denture impressions:

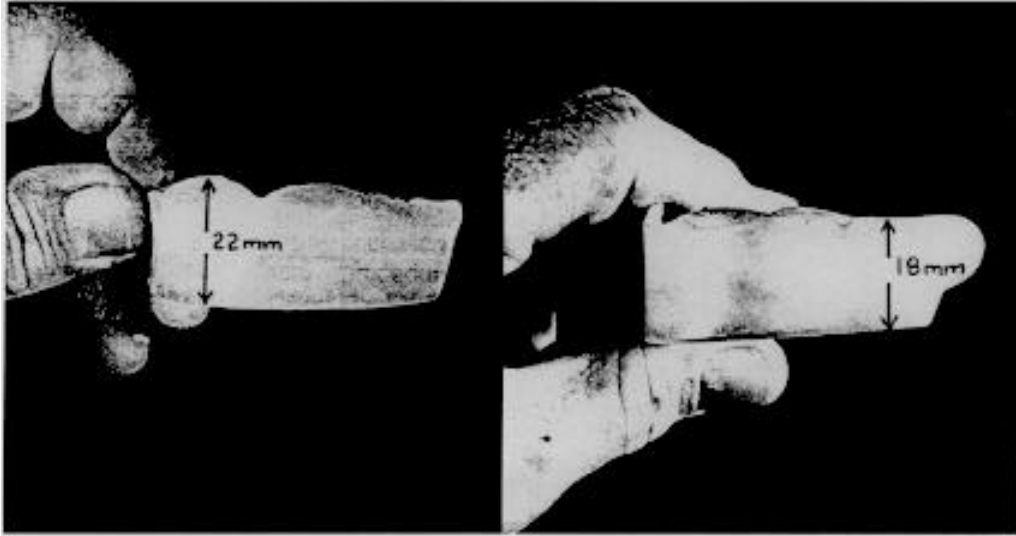
- a. Surface Detail/Accuracy
- b. Extensions
- c. Retention

The following are categories that the grading examiners will evaluate for centric jaw relation and vertical dimension:

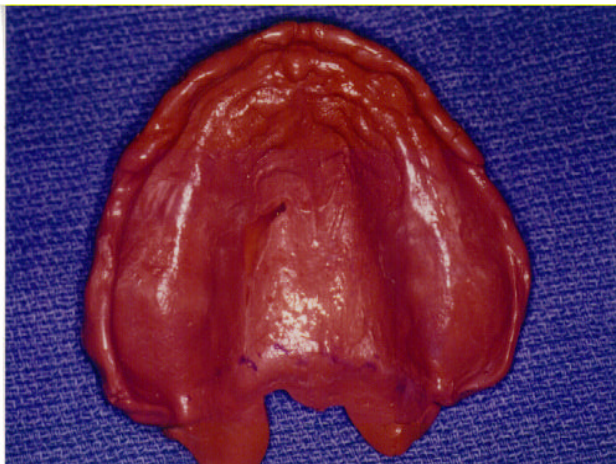
- a. Accurate Recording of Centric Jaw Relation
- b. Freeway Space

REMOVABLE PROSTHETICS EXERCISE EXAMPLES

EXAMPLE 14—PRE-MADE BITE RIMS



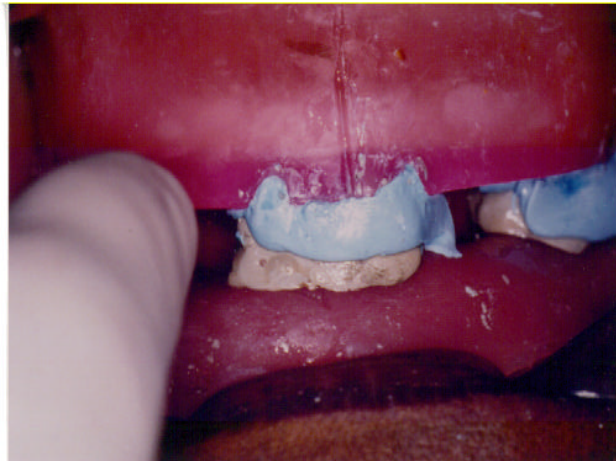
EXAMPLE 15 – FINAL MAXILLARY



EXAMPLE 16 – FINAL MANDIBULAR



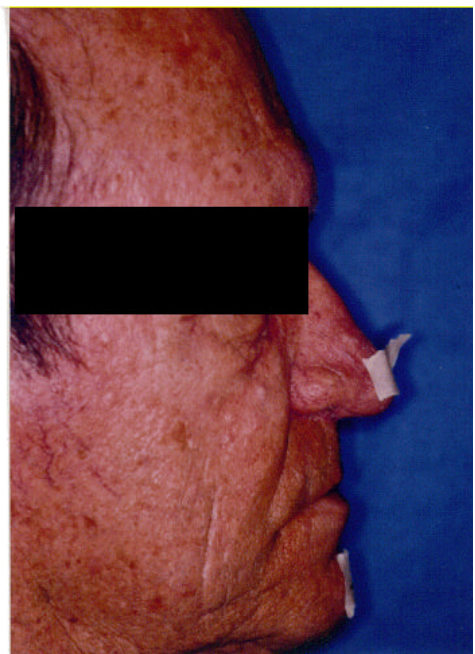
EXAMPLE 17-CENTRIC JAW RELATION



**EXAMPLE 18-
VERTICAL DIMENSION**



**EXAMPLE 19-
VERTICAL DIMENSION**



DAY 3–FRIDAY, MAY 26, 2000

CLINICAL EXERCISE CLINIC B	
8:00 a.m. to 8:30 a.m.	OPERATORY SETUP Fourth Floor
8:30 a.m. to 9:00 a.m.	STARTING CHECKS
9:00 a.m.	Periodontics (6 Hour Completion Time)
3:00 p.m.	CLINIC CLOSING

CLINICAL EXERCISE CLINIC C	
8:30 a.m. to 9:00 a.m.	OPERATORY SETUP Fourth Floor
9:00 a.m. to 9:30 a.m.	STARTING CHECKS
9:30 a.m.	Periodontics (6 Hour Completion Time)
3:30 p.m.	CLINIC CLOSING

CLINICAL EXERCISE CLINIC D	
9:00 a.m. to 9:30 a.m.	OPERATORY SETUP Fourth Floor
9:30 a.m. to 10:00 a.m.	STARTING CHECKS
10:00 a.m.	Periodontics (6 Hour Completion Time)
4:00 p.m.	CLINIC CLOSING

Periodontics

1. Candidate Packets

Red candidate packets labeled with the candidate's number and "Day 3" will be placed in each candidate's operatory. The candidate should ensure his/her candidate number corresponds to the candidate packet in his/her operatory. The candidate packets will contain the following items:

- a. Periodontal Treatment Selection Worksheet (buff paper)
- b. Periodontal Treatment Exercise Grade Sheet (pink paper)
- c. Periodontal Diagnostic Exercise Grade Sheet (pink paper)
- d. One randomly assigned patient number
- e. Red Periodontal Binder with red and blue pens

Candidates should very carefully check the contents of each candidate packet and notify Board personnel if any item listed above is not in his/her packet.

2. Examination Requirements

The candidate must complete a charting of all pre-existing conditions, i.e., all missing, decayed, and restored teeth, pathological conditions, pocket depths, mobility, and recession levels. The candidate will provide a written diagnosis and treatment plan, scale six (6) assigned teeth, and polish those teeth. The term "scaling" includes complete removal of explorer detectable calculus, soft deposits and plaque, and smoothing the portions of the crown and root surfaces to which no tissue is attached. Ultrasonic scalers may be used and must be compatible with the University of Mississippi Medical Center School of Dentistry's specifications. Cavi-Jets® or air polishing instruments/units may not be utilized for the final polishing. Each candidate must provide his/her own ultrasonic scalers and tips.

3. Examination Purpose

The purpose of the periodontal exercise is to assess the ability of the candidate to detect subgingival calculus and to accurately measure the depth of the gingival sulcus and periodontal pockets. It is also to assess the candidate's ability to remove detectable subgingival calculus by scaling and to polish teeth without causing injury to the surrounding soft tissue. This exercise is not intended to render complete patient care, but to demonstrate the ability of the candidate to perform only on the selected teeth.

4. Patient Selection

Patient requirements for the periodontal exercise are as follows:

- a. Patient must have a minimum of twenty (20) natural teeth, at least ten (10) of which are posterior teeth

- b. Patient must have least one quadrant with the following: interproximal probing depths of three (3) to eight (8) millimeters (mm), some of which must exceed three (3) mm (deviation of one (1) mm from the three (3) to eight (8) mm range is acceptable)
- c. Heavy, generalized subgingival deposits continuing through the interproximal and line angles; calculus must be radiographically evident

5. **Pre-operative Casts**

No pre-operative diagnostic casts or post-operative casts are required for this procedure.

6. **Radiographs**

The candidate shall provide full-mouth radiographs, i.e., an eighteen (18) film series, of the patient, at least four (4) of which must be bitewing radiographs. Panoramic radiographs are not acceptable. Radiographs must be of diagnostic quality depicting the current conditions of the patient's oral health. These radiographs should be prepared no more than sixty (60) days prior to the examination. Only original radiographs are acceptable. Radiographs will be retained by the Board.

7. **Medical Health History Form**

A patient medical history is required for this procedure, even if the same patient is used for multiple procedures. These forms are provided to the candidate by the University of Mississippi Medical Center School of Dentistry and are discussed in the instructions on page 106. Medical Health History Forms are not signed by the candidate until the day of the procedure. The candidate must update the health history with the patient and have the patient sign the Medical Health History Form update section. These forms may have all other pertinent information completed beforehand; however, they must not be signed by the candidate until the date of the procedure and only then by a **CANDIDATE NUMBER (NOT SIGNATURE)**. This should be done during the operatory setup phase. However, for the initial starting check only, the candidate must not put his/her candidate number on the form until after an initial starting check has been given. Patients with conditions that could jeopardize the health of the patient, candidate, or examiner, e.g., Acquired Immune Deficiency Syndrome, blood dyscrasias, heart conditions, diabetes, hepatitis, venereal diseases, systemic conditions, tuberculosis, etc., will not be acceptable without written clearance from the patient's physician. Telephone releases regarding the patient's health history conditions are not acceptable. Patients requiring premedication should be advised to take these medications according to proper directions.

8. **Assistants**

Assistants are allowed for this procedure. Candidates may not assist each other during this procedure.

9. **Textbooks**

Written materials/textbooks/drawings, excluding the candidate's examination manual, may not be used for this procedure.

10. **Pain Control**

Pain control shall be limited to the use of a local anesthetic. Anesthetic solutions may **NOT** be administered prior to receiving a starting check.

11. **Initial Starting Check**

Starting times for each clinic will be in 30-minute increments. Operatory setup for Clinic B will begin at 8:00 a.m., for Clinic C at 8:30 a.m., and for Clinic D at 9:00 a.m. However, all patients must arrive at the University of Mississippi Medical Center School of Dentistry no later than 7:45 a.m. and be prepared to stay, at a minimum, until 4:00 p.m. or until dismissed by the candidate after grading. All candidates will vacate their assigned clinic when notified by Board personnel. Prior to leaving the clinic, candidates will remove the operatory numbers from their units and ensure all operatory lights are turned on and pointed toward the ceiling. Board examiners will enter the clinic and make assignments of the six (6) teeth that are to have the pocket depths and detectable calculus recorded on the Periodontal Treatment Selection Worksheet. Two (2) of the six (6) teeth will be selected for grading by the grading examiners in the grading area. The examiners will review the Medical Health History Form and information concerning the patient's health history in determining the patient's acceptability for this procedure. Instruments are provided by the University of Mississippi Medical Center School of Dentistry in the periodontal kit.

The following should be available for a starting check:

- a. Candidate-Issued Red Periodontal Binder with red and blue pens
- b. Pre-operative Radiographs
- c. Front Surface Mirror
- d. #5 Explorer and Moffitt Probe
- e. Color Coded Periodontal Probe
- f. Periodontal Treatment Selection Worksheet
- g. Periodontal Diagnostic Exercise Grade Sheet
- h. Periodontal Treatment Exercise Grade Sheet
- i. Candidate Check Card
- j. Medical Health History Form (without candidate number)
- k. Patient Disclaimer, Consent, and Release Form (without candidate number)

If the patient is acceptable, a starting check will be indicated on both grade sheets. If the patient is unacceptable, a rejection notice will be left in the operatory. It will be the candidate's responsibility to obtain another patient. The starting check for the second patient will be given by the clinical floor examiner.

When the candidate returns to the assigned operatory, he/she should review the Periodontal Treatment Selection Worksheet to see which teeth have been assigned for pocket depth measurements and calculus detection. If the candidate has a question concerning the assigned teeth, he/she should immediately contact the clinical floor examiner for clarification prior to beginning the exercise. The candidate is to record pocket depths only of those teeth assigned on the Periodontal Treatment Selection Worksheet. Six (6) recordings will be made for each tooth. Next, record **ALL** areas of detectable calculus on the Periodontal Treatment Selection Worksheet. A minimum of one area of detectable calculus must be indicated on each of the six assigned teeth. After completion of the recordings of the pocket depths and detectable calculus, the candidate will transfer pocket depth measurements in millimeters (mm) and calculus detections with an "X" to the Periodontal Diagnostic Exercise Grade Sheet. Example 20 on page 63 is a sample of a properly completed Periodontal Treatment Selection Worksheet illustrating one of the six (6) teeth. The candidate should ensure these recordings are accurately transferred from the Periodontal Treatment Selection Worksheet to the Periodontal Diagnostic Exercise Grade Sheet. No recordings will be entered at this time on the Periodontal Treatment Exercise Grade Sheet.

After completion of these measurements and the transfer of this information, the candidate should proceed with the recording of **ALL** periodontal pocket depths, mobility, recession levels, and charting of the oral conditions/restorations and pathology on the Periodontal Tooth Chart which is located in the Candidate-Issued Red Periodontal Binder. The candidate, at all times, should ensure that the Periodontal Tooth Chart has not been contaminated (e.g., removing gloves prior to making notations on the chart and ensuring that the Periodontal Tooth Chart and pen(s) are kept away from contaminated areas). A diagnosis and treatment plan for this patient should be recorded in the Candidate-Issued Red Periodontal Binder. A red/blue pen is to be used only for charting the pre-existing conditions. The location of pocket depth measurements around the circumference of the tooth is illustrated by Example 21 on page 63, and Example 22 on page 63 is illustrative of proper periodontal probe placement. Example 23 on page 64 is a sample of symbols and their appropriate color (red or blue) for the periodontal exercise, and Example 24 on page 65 is an illustration of a completed periodontal tooth chart.

12. **Time Restraints**

This procedure will be completed on Day 3 of the examination. After receiving a starting check, the candidate will be allowed six (6) hours to complete the procedure. The candidate should allow sufficient time to perform the procedure and to take and develop the required post-operative radiographs. If the candidate fails to budget sufficient time, an extension will **NOT** be allowed.

13. **Periodontal Diagnostic Exercise Grading Procedure**

When the candidate has completed the periodontal pocket and bone level measurements, charting of the existing restorations, pathological conditions and missing teeth, formulated a diagnosis and treatment plan, and entered the assigned teeth's periodontal pocket depths and detectable calculus on the Periodontal Diagnostic Exercise Grade Sheet, the patient should be escorted to the grading area. At this time, **NO** removal of any calculus should have

occurred. The candidate is not to use a scaler or ultrasonic unit until the patient returns from the grading area. The patient will be assigned a number that represents his/her position relative to being graded by the grading examiners. The following material is to be placed in the candidate's box and carried by the candidate/assistant to the grading area:

- a. Mounted Pre-operative Radiographs
- b. Front Surface Mirror
- c. #5 Explorer and Moffitt Probe
- d. Color Coded Periodontal Probe
- e. Periodontal Treatment Selection Worksheet
- f. Periodontal Diagnostic Exercise Grade Sheet
- g. Candidate-Issued Red Periodontal Binder with red and blue pens
- h. Candidate Check Card

14. **Periodontal Treatment Exercise Grading Procedure**

After completion of scaling and polishing of the assigned teeth, the candidate will take a two film bitewing radiographic series of the assigned teeth. These films will be mounted in a radiographic mount and labeled with the patient's number only. The patient should be escorted to the grading area where he/she will be assigned a number relative to being graded by the grading examiners. The following material is to be placed in the candidate's box and carried by the candidate/assistant to the grading area:

- a. Mounted Pre-operative Radiographs and Post-operative Bitewing Radiographs
- b. Front Surface Mirror
- c. #5 Explorer and Moffitt Probe
- d. Color Coded Periodontal Probe
- e. Periodontal Treatment Exercise Grade Sheet
- f. Candidate Check Card

The red candidate packet containing the randomly issued patient number should be returned to Board staff at the conclusion of the periodontal exercise.

15. **Grading Criteria**

The following are categories that the grading examiners will evaluate in the periodontal diagnostic exercise:

- a. Periodontal Pocket Depths
- b. Calculus Detection
- c. Radiographic Interpretation
- d. Diagnosis and Treatment Plan

The following are categories that the grading examiners will evaluate in the completed periodontal treatment exercise:

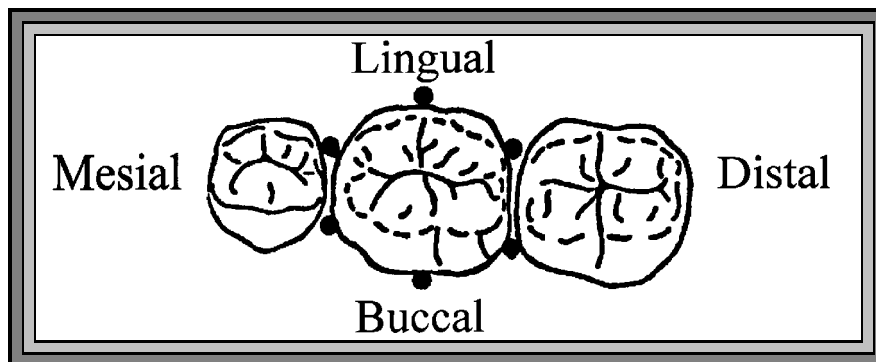
- a. Calculus Removal
- b. Stain, Plaque Removal and Tooth Polishing
- c. Patient Management

PERIODONTICS EXERCISE EXAMPLES

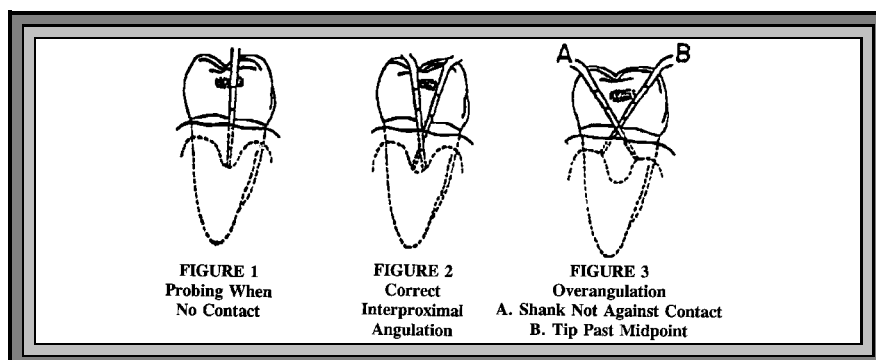
EXAMPLE 20–TREATMENT SELECTION WORKSHEET

TOOTH NUMBER		POCKET DEPTHS (MM)	CALCULUS DETECTION	
5	MB	5	X	MB
	B	4		B
	DB	7	X	DB
	ML	5	X	ML
	L	3		L
	DL	6	X	DL

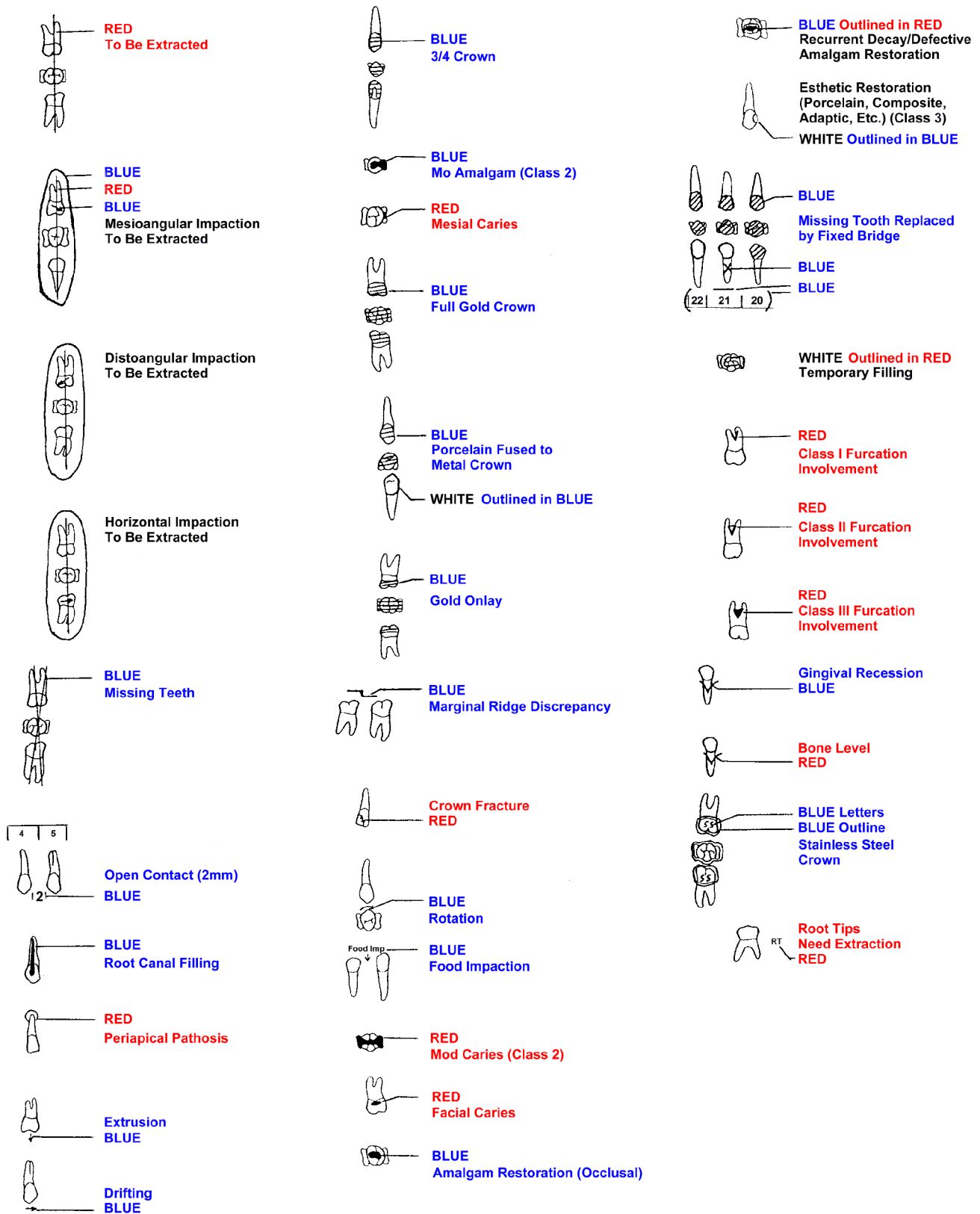
EXAMPLE 21–POCKET DEPTH LOCATIONS



EXAMPLE 22–PERIODONTAL PROBE PLACEMENT



EXAMPLE 23-CHARTING SYMBOLS



MOBILITY
RECESSION INDEX
PROBE DEPTH

[illegible]

BUCCAL

OCCUSAL

LINGUAL

LING

[illegible]

RIGHT

Spacing between the horizontal lines is 2 mm.

LEFT

RECESSION INDEX
PROBE DEPTH

N17

		0110		0100	1102	2111	1110	0100	1314	3121	1100	0101	1122	2123	2123		
		3122		3133	3333	3122	2122	2122	2342	3122	2233	3124	5344	4315	6415		
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17		

LINGUAL

OCCLUSAL

BUCCAL

RECESSION INDEX
PROBE DEPTH
MOBILITY

BULL

[illegible]

GENERAL INFORMATION

1. Grading System

The Board has adopted a double-blind grading system, whereby at least one examiner will be assigned to each clinic as a clinical floor examiner. This clinical floor examiner will give starting checks and be available for emergency situations. All procedures will be graded in a grading clinic which will be entirely separate from the candidate clinics. Each procedure will be graded by three (3) grading examiners. Patients will be escorted to the entrance of the grading clinic by the candidate or his/her assistant. In scheduling patients and planning the utilization of time, the candidate should consider the fact that the time allowed for the exercise includes the time during which the patient will be in the grading clinic for grading. After grading, the patient will be instructed to return to the candidate's clinic. Under no circumstances will candidates or their assistants be allowed in the grading clinic. Further details and directions will be given at the orientation session.

The Board is responsible for determining whether the score earned by the candidate is acceptable for licensure. A score of 75 points on each exercise is recommended by the Board as confirmation of minimal competence. The entire exercise is based on a possible score of 100 points of which there are eight (8) exercises. The exercises and their point values are illustrated by the following table:

EXAMINATION EXERCISE & GRADING CRITERIA		CRITERIA PERCENTAGE WEIGHT	OVERALL POINT VALUE
1.	Endodontics (10.00 Overall Points) Criterion: Access Criterion: Obturation Procedure Totals	50.00% 50.00% 100.00%	5.00 5.00 10.00
2.	Finished Amalgam Restoration #14 Criterion: Anatomy Criterion: Finish Lines & Surface Finish Criterion: Treatment Management Procedure Totals	45.00% 45.00% 10.00% 100.00%	 5.00
3.	Porcelain Fused to Metal Crown Preparation #9 Criterion: Margins & Path of Insertion Criterion: Retention & Resistance Form Criterion: Treatment Management Procedure Totals	45.00% 45.00% 10.00% 100.00%	 5.00

EXAMINATION EXERCISE & GRADING CRITERIA		CRITERIA PERCENTAGE WEIGHT	OVERALL POINT VALUE
8.	Periodontics (15.00 Overall Points)		
	Procedure: Diagnosis & Treatment Planning		
	Criterion: Periodontal Pocket Depths	25.00%	
	Criterion: Calculus Detection	25.00%	
	Criterion: Radiographic Interpretation	25.00%	
	Criterion: Diagnosis & Treatment Plan	25.00%	
	Procedure Totals	100.00%	7.50
	Procedure: Treatment		
	Criterion: Calculus Removal	60.00%	
	Criterion: Stain, Plaque Removal, & Polishing	30.00%	
	Criterion: Patient Management	10.00%	
	Procedure Totals	100.00%	7.50
TOTAL EXAMINATION POINTS			100.00

Three (3) grading examiners will evaluate the candidate's performance on each procedure, and each will assign a value between zero (0) and five (5). A score of three (3), or seventy-five (75), is the minimal acceptable score for passing. An average of the three (3) scores will be obtained and will be correlated in relation to a perfect score of five (5). This percentage will be utilized to determine the number of points the candidate earns for the exercise. If one grading examiner gives a score below three (3), and the other two (2) grading examiners give scores of three (3) or above, the lower score will be dropped, and only two (2) scores will be used in the average. If two (2) grading examiners give a score below three (3) and the other grading examiner gives a score of three (3) or above, the higher score will be dropped, and only the two (2) scores will be used in the average. If a candidate does not complete all sections of an exercise, the candidate will receive a mandatory score of zero (0) for that portion of the exercise that he/she does not complete. **CANDIDATES WILL BE REQUIRED TO ATTAIN A MINIMUM SCORE OF THREE (3), OR SEVENTY-FIVE (75), ON ALL PROCEDURES TO BE CONSIDERED AS SUCCESSFULLY COMPLETING THE LICENSURE EXAMINATION AND PRIOR TO BEING ISSUED A MISSISSIPPI LICENSE.** In other words, even if a candidate's overall score is three (3), or seventy-five (75), the candidate will not be considered as passing the Mississippi licensure examination until he/she has attained a score of three (3), or seventy-five (75), on each of the eight (8) tested procedures. If a candidate fails to attain a minimum score of three (3), or seventy-five (75), on any one or more procedures, that candidate must successfully complete all **FAILED** procedures during the re-take examination. (See page 77 for further information regarding re-take examination requirements.)

2. Grade Sheets and Candidate Check Card

Candidates will be given four (4) colored packets for (a) Registration, (b) Day 1, (c) Day 2, and (d) Day 3. Grade sheets, among other items, for each procedure will be in that day's packet, and the Candidate Check Card will be in the registration packet. It is critical that the

candidate not lose the Candidate Check Card or any of the grade sheets -- these are the candidate's responsibility.

3. **Infection Control**

The Mississippi State Board of Dental Examiners mandates that candidates follow the current recommended infection control procedures as published by the Centers for Disease Control and Prevention. It is required, for example, that all patient care activities be performed with gloves, masks, protective eyewear, and scrub gowns. It is suggested that protective eyewear also be used for patients.

4. **Candidate Instruments**

Candidates may wish to furnish their own instruments, handpieces, and local anesthetic syringe. Instruments, equipment, and supplies available from the University of Mississippi Medical Center School of Dentistry are listed in the instructional material on pages 103 and 104. Each candidate must provide his/her own ultrasonic scaler and tips. Candidates are strongly advised to visit the University of Mississippi Medical Center School of Dentistry at their earliest convenience in order to familiarize themselves with the facilities and operatory equipment.

5. **Starting Checks**

Patients should arrive at the University of Mississippi Medical Center School of Dentistry on days 2 and 3 at 7:45 a.m. Any patient arriving prior to that time must wait in the first floor lounge. Candidates and patients will not be permitted in the clinics prior to 8:00 a.m. Refer to the Examination Schedule located at the front of the examination manual. Assigned operatory numbers correlate to assigned candidate numbers. Patients should be seated and ready for a starting check at the candidate's assigned operatory by 8:30 a.m.

Two starting checks may be given on the same patient for the Class 2 Amalgam and Class 3 Composite procedures. However, it is the candidate's responsibility to abide by the time requirements presented in the instructions. Teeth that are adjacent or opposing may not be prepared at the same time. Only **ONE PROCEDURE** at a time may be presented to the grading clinic for grading.

On day 3, incremental starting checks will be given. Clinic B will be given starting checks at 8:30 a.m.; Clinic C will be given starting checks at 9:00 a.m.; and Clinic D will be given starting checks at 9:30 a.m. However, candidates should advise their patients to arrive at the University of Mississippi Medical Center School of Dentistry no later than 7:45 a.m. and be prepared to stay, at a minimum, until 4:00 p.m. or until dismissed by the candidate after grading.

Each candidate must be prepared to discuss a diagnosis and treatment plan for any of his/her patients with the clinical floor examiner.

6. **Patient Number**

Each procedure requires a separate patient number. Randomly selected patient numbers for that day will be in the packet given to the candidate at the beginning of each day, and the candidate will arbitrarily assign one of these patient numbers to each patient and record that number on the appropriate forms and grade sheets. This patient number must be worn by the patient while being treated or graded. At the completion of a procedure, place the patient number lapel pin in the folder for that day and return all appropriate materials to the clinical floor examiner or Board staff at the conclusion of the day's procedures. A candidate who fails to return patient badges, candidate badges, assistant badges, or any other requested items mentioned in this manual, will be assessed a Ten and No/100 Dollar (\$10.00) penalty for each item not returned to the Board. Further, the candidate's Mississippi license will be held until full restitution is made with the Board.

7. **Numbering Teeth**

All teeth will be numbered 1 through 32 starting with the upper right third molar and ending with the lower right third molar.

8. **Polishing Teeth**

Do not polish adjacent teeth or old adjacent restorations without written consent of the clinical floor examiner. If the candidate has a rough surface on an existing restoration and/or a rough surface on a tooth adjacent to the tooth the candidate is planning to prepare, the candidate must obtain permission from the clinical floor examiner to polish the proximal surface of the adjacent tooth. At the time of the starting check, the clinical floor examiner must document and note his/her consent on the grade sheet by placing the appropriate examiner number. If the candidate scratches or cuts an adjacent tooth while cutting the preparation, do not polish or smooth the tooth before grading. If the candidate polishes an adjacent tooth without written permission from the clinical floor examiner, points will be deducted from the grade.

9. **Irregularities**

It is the candidate's responsibility to bring possible irregularities to the attention of the clinical floor examiner. If a candidate feels that an error has been made in any aspect of the examination, immediately confer with the assigned clinical floor examiner. The clinical floor examiner will notify a second clinical floor examiner to witness and document the circumstances. Candidates will sign the report of irregularity with their candidate number, not signature.

10. **Radiographs**

The following radiographs are required:

- a. Endodontics
 - (1) Pre-operative: Bucco-lingual view and mesio-distal view
 - (2) Post-operative: Bucco-lingual view and mesio-distal view
- b. Class 2 Amalgam Restoration
 - (1) Pre-operative: Periapical and one (1) bitewing
 - (2) Post-operative: One (1) bitewing
- c. Class 3 Composite Restoration
 - (1) Pre-operative: Periapical
 - (2) Post-operative: Periapical
- d. Periodontics
 - (1) Pre-operative: Full-mouth series including bitewing radiographs
 - (2) Post-operative: Two (2) bitewings

With the exception of the full mouth series, all radiographs are to be mounted in 4-hole radiographic mounts. Radiographic mounts will be available on the candidate's clinic floor. Panoramic radiographs are **NOT** acceptable; radiographs for the examination must be of diagnostic quality and depict the current condition of the patient's mouth; and radiographs shall have been prepared no more than sixty (60) days prior to the examination. Only the patient number should be written on the radiographic mount. No patient names, candidate names, or candidate numbers should be written on radiographic mounts. **ALL RADIOGRAPHS ARE TO BE PLACED IN THE PATIENT RECORD AT THE COMPLETION OF EACH PROCEDURE OR AT THE COMPLETION OF THE EXAMINATION.**

11. **Impressions and Casts**

The following must be taken with the patient to the grading clinic:

- a. Class 2 Amalgam Restoration
 - (1) Casts: Pre-operative
 - (2) Impressions: Preparation
Finished Restoration

- b. Class 3 Composite Restoration
 - (1) Casts: Pre-operative
 - (2) Impressions: Finished Restoration
- c. Removable Prosthetics
 - (1) Casts: Pre-operative
 - (2) Impressions: Final Denture

All impressions of the composite and amalgam procedures are to be quadrant alginates. Pre-operative casts must be made by the candidate in dental laboratory stone and may be made prior to the examination.

12. **Summary of Items to Be Submitted to the Grading Area**

- a. **Endodontics Procedure**
 - (1) Candidate Check Card
 - (2) Properly labeled plastic bag containing the following:
 - i) Endodontically treated tooth block
 - ii) Properly labeled and mounted pre-operative and post-operative radiographs
 - iii) Endodontic Exercise Grade Sheet
- b. **Typodont Procedure**
 - (1) Typodont with protective wrapping placed between the upper and lower models and affixed together with a rubber band
 - (2) Prior Model Damage Form (if originally included in the typodont box)
 - (3) Typodont Exercise Grade Sheet
 - (4) Candidate Check Card
 - (5) White candidate packet containing the Model Acceptability Form
- c. **Class 2 Amalgam Preparation**
 - (1) Properly labeled and mounted pre-operative radiographs
 - (2) Amalgam Preparation Grade Sheet
 - (3) Candidate Check Card
 - (4) Pre-operative cast
 - (5) Properly labeled plastic bag containing the quadrant alginate impression

d. **Class 2 Amalgam Finished Carved Restoration**

- (1) Properly labeled and mounted pre-operative and post-operative radiographs
- (2) Amalgam Finished Carved Restoration Grade Sheet
- (3) Candidate Check Card
- (4) Properly labeled plastic bag containing the following:
 - i) Quadrant alginate impression
 - ii) Pre-operative cast

e. **Class 3 Composite Preparation**

- (1) Properly labeled and mounted pre-operative radiograph
- (2) Composite Preparation Grade Sheet
- (3) Candidate Check Card
- (4) Pre-operative cast

f. **Class 3 Composite Finished Restoration**

- (1) Properly labeled and mounted pre-operative and post-operative radiographs
- (2) Composite Finished Restoration Grade Sheet
- (3) Candidate Check Card
- (4) Properly labeled plastic bag containing the following:
 - i) Quadrant alginate impression
 - ii) Pre-operative cast

g. **Removable Prosthetics Procedure**

- (1) Removable Prosthetics Grade Sheet
- (2) Candidate Check Card
- (3) Properly labeled plastic bag containing the following:
 - i) Pre-operative casts
 - ii) Final impressions
 - iii) Base plates with bite rims

h. **Periodontal Diagnostic Exercise**

- (1) Properly labeled and mounted pre-operative radiographs
- (2) Front surface mirror
- (3) #5 explorer and Moffitt Probe
- (4) Color coded periodontal probe
- (5) Periodontal Treatment Selection Worksheet
- (6) Periodontal Diagnostic Exercise Grade Sheet
- (7) Candidate-issued red periodontal binder with red and blue pens
- (8) Candidate Check Card

i. **Periodontal Treatment Exercise**

- (1) Properly labeled and mounted pre-operative and post-operative radiographs
- (2) Front surface mirror
- (3) #5 explorer and Moffitt Probe
- (4) Color coded periodontal probe
- (5) Periodontal Treatment Exercise Grade Sheet
- (6) Candidate Check Card

13. **Time Constraints**

The beginning and ending times for each day's exercise will be determined by the time indicated on the wall clock in each clinic of the University of Mississippi Medical Center School of Dentistry. Board personnel will make periodic announcements regarding the amount of time remaining in each examination exercise.

14. **Clean-Up**

Each candidate is responsible for his/her clean-up of the assigned operatory and supplies or instruments issued by the University of Mississippi Medical Center School of Dentistry.

15. **Completion of Clinical Procedures**

The following must be returned and completed when all clinical procedures are finished:

- a. Write the candidate number on the Candidate Check Card and present it to the clinical floor examiner upon completion of the examination.
- b. Completion of the Board examination survey form is required and must be delivered to the clinical floor examiner along with the completed answer sheet for the examination survey, candidate's blue registration packet, candidate badge, and dental assistant badge on the last day of the examination after completion of the periodontal procedure.
- c. Candidates will be assessed a minimum of Ten and No/100 Dollars (\$10.00) for each item which is not returned to the Board by the conclusion of the examination (e.g., patient badges, candidate badges, assistant badges, daily packets, pencils, pens, etc.). Furthermore, the candidate's Mississippi license will be held until full restitution is made with the Board.
- d. Equipment and instruments issued by the University of Mississippi Medical Center School of Dentistry to Board candidates **MUST BE RETURNED BEFORE THE CANDIDATE LEAVES THE FACILITY AT THE END OF TESTING ON FRIDAY.** Return of equipment and instruments to the University of Mississippi Medical Center School of Dentistry is deemed by the Board to be a part of the testing procedure, and a candidate's file is considered **INCOMPLETE** until all equipment and instruments are returned and any losses and reimbursements satisfied. Candidates

whose accounts have not been cleared with the University of Mississippi Medical Center School of Dentistry will not receive a license.

CONCLUSION

1. **Examination Results**

The candidate will be notified by mail of the examination results within five (5) working days from the conclusion of this examination. Results will not be released by telephone. Please do not call members of the Board or the Board office for examination results. The candidate will be mailed his/her license by United States Postal Service certified mail, return receipt, within two (2) weeks from the conclusion of the examination. The candidate must receive his/her license and record it in the Circuit Clerk's office before the candidate begins practicing dentistry in the State of Mississippi. Recording of the candidate's license should be done in the county wherein the candidate resides. The candidate may not apply for prescribing privileges with the Drug Enforcement Administration (DEA) until the candidate receives a Mississippi license and establishes a permanent office address. Please do not call the Board office concerning application requirements for a DEA registration number.

2. **Re-Take Examination Procedures**

A re-take examination will be administered to those candidates who fail to successfully complete **ALL PROCEDURES** and attain a passing score of seventy-five (75) on the initial overall examination. However, candidates who fail more than three (3) procedures, regardless of overall score on the initial examination, will be unable to participate in the re-take examination. In other words, if a candidate fails three (3) or fewer procedures and attains a passing score of seventy-five (75) or above on the initial examination, he/she will be able to participate in the re-take examination. Further, if a candidate fails three (3) or fewer procedures and fails to attain a passing score of seventy-five (75) on the overall initial examination, he/she will be able to participate in the re-take examination.

The re-take examination will be administered at the University of Mississippi Medical Center School of Dentistry within ninety (90) days of the initial examination. Qualifying candidates will be notified of the exact date once final arrangements have been made. Candidates who wish to participate in the re-take examination must inform the Board in writing of their decision within forty-five (45) days from the date of their notice of failure. Re-take examination candidates must submit the following additional documentation and fees:

- a. Completed application
- b. Application and clinic fees in the same amounts as those submitted for the initial examination
- c. Proof of certification in Cardiopulmonary Resuscitation
- d. Proof of liability insurance coverage

- e. Chairside assistant registration form
- f. Testimonials of moral character (only in cases where character references are unable to sign the application)

To successfully complete the re-take examination, candidates must make a minimum score of seventy-five (75) on all procedures. In other words, the candidate must pass each procedure of the re-take examination before he/she will be issued a Mississippi license. Qualifying failing candidates may appeal their initial examination results and also apply for the re-take examination. However, candidates who fail the re-take examination may not appeal the results of the re-take examination. Those candidates who fail the re-take examination may apply for the next regularly scheduled Board examination.

3. **Procedure for Filing Appeals**

Candidates who fail to successfully complete **ALL** procedures and/or attain a passing score of seventy-five (75) on the examination will be allowed to appeal their initial examination results in accordance with Board Regulation 27, which is included with this manual. Failing candidates must file a written appeal within forty-five (45) days from the date of the notice of failure. However, the Board's decision regarding the candidate's appeal will be final. As stated previously, failing candidates who qualify for the re-take examination may apply for the re-take examination and also file an appeal. The appeals process is the only avenue for those failing candidates who do not qualify to participate in the re-take examination.

4. **Annual Registration**

Annual registration notices covering the period **SEPTEMBER 1, 2000 - AUGUST 31, 2001** will be mailed the last week in June. The candidate will be required to complete the registration sheet and pay the annual fee for the upcoming year. Unless the Board is notified of a change of address, the annual registration notice will be mailed to the same address as appears on the candidate address and license information form.

5. **Documentation Checklist**

Required documentation must be submitted to the Board in the following manner:

- a. To be submitted by the candidate with his/her application packet:
 - (1) Completed application
 - (2) Application and clinic fees
 - (3) Proof of certification in Cardiopulmonary Resuscitation
 - (4) Proof of liability insurance coverage
 - (5) Chairside assistant registration form

- (6) Candidate license information form
 - (7) Formal declaration of intent to become a citizen of the United States (if applicable)
 - (8) Self-query from National Practitioner Data Bank (if applicable)
 - (9) Additional information as required by specific questions on the application
- b. To be mailed by outside sources directly to the Board office:
- (1) College transcript(s) (for all colleges/universities attended prior to attending dental school); **FOREIGN TRANSCRIPTS MUST BE IN ENGLISH AND MUST BE MAILED DIRECTLY FROM THE COLLEGE/ UNIVERSITY TO THE BOARD**
 - (2) Dental school transcript(s) (complete or partial for all dental schools attended); **FOREIGN TRANSCRIPTS MUST BE IN ENGLISH AND MUST BE MAILED DIRECTLY FROM THE DENTAL SCHOOL TO THE BOARD**
 - (3) Affidavit from dental school dean (for candidates who are still in dental school at the time their application is submitted to the Board)
 - (4) National Board Examination grade card
 - (5) Testimonials of moral character (only in cases where character references are unable to sign the application)
 - (6) Certifications from the secretaries of dental boards in all states where the candidate is currently or has ever been licensed

FREQUENTLY ASKED QUESTIONS

- Q.** How soon will I find out if I passed or failed the dental examination?
- A.** You will be notified by mail of your examination results within five (5) working days of the conclusion of the examination. Results will not be released by telephone; therefore, do not call Board members or the Board office for examination results.
- Q.** How long will it take to receive my license?
- A.** Your license will be mailed by certified mail, return receipt, within two (2) weeks after conclusion of the examination.
- Q.** When can I begin practicing?
- A.** You may begin practicing as soon as you receive your license; however, if you will be practicing in Mississippi, you must first record your license with the circuit clerk for the county in which you will reside before beginning your practice.
- Q.** If I am not going to be practicing in Mississippi, do I need to file my dental license with the circuit clerk of the county/parish wherein I reside?
- A.** No, unless that state's law requires it. You should contact that state's dental licensure board to determine whether your Mississippi license should be filed with the circuit clerk of the county/parish wherein you reside.
- Q.** If I practice in Mississippi, why do I have to file my license with the circuit clerk of the county wherein I reside?
- A.** Miss. Code Ann. § 73-9-33 dictates that all licenses be recorded within thirty (30) days of issuance with the circuit clerk of the county wherein you reside. Also, should you move from one county to another, you must re-file your license in your new county of residence. This is the law.
- Q.** What are the steps for me to acquire a Drug Enforcement Administration (DEA) registration number?
- A.** You must request an application for registration through DEA at 504-840-1063 or write to the DEA at Suite 1800, Three Lakeway Center, 3838 North Causeway Boulevard, Metairie, LA, 70002. You may not apply for a DEA registration number until you have a Mississippi license.
- Q.** If I have a personal emergency during the dental examination, how may I be contacted?
- A.** You may be contacted through the University of Mississippi Medical Center School of Dentistry central reception at 601-984-6155. Please have the caller indicate that you are taking the Board licensure examination.

Q. Does the University of Mississippi Medical Center School of Dentistry provide scrubs for the dental examination?

A. No. Please refer to the School's instructions in this manual regarding the University of Mississippi Medical Center School of Dentistry.

Q. What instruments are required for the dental examination?

A. Refer to the information provided by the University of Mississippi Medical Center School of Dentistry in your examination manuals for a list of all instruments required and those provided by the School.

Q. Can two candidates use the same prosthetic patient?

A. Yes. However, each candidate must turn in a preliminary diagnostic cast along with the final denture impression and base plate with bite rims.

Q. Do I complete a medical history form for each procedure, even though I have the same patient for multiple procedures?

A. Yes, a new medical history form is required for each procedure.

Q. Can I receive two (2) starting checks at one time?

A. Yes. This may be done on Day 2 of the examination and only for the Class 2 Amalgam and Class 3 Composite procedures, if you plan on using the same patient for both procedures. However, only one procedure at a time may be submitted for grading.

Q. I am an out-of-state candidate and will be unable to screen my patients; therefore, is there someone at the University of Mississippi Medical Center School of Dentistry who can do this for me, since I may not arrive until the day before the dental examination begins?

A. No. You are responsible for obtaining patients and ensuring your patients are properly screened. Please refer to the instructions in this manual regarding the University of Mississippi Medical Center School of Dentistry.

Q. I am an out-of-state candidate and do not know anyone; therefore, is there someone who can assist me with my patients?

A. As stated previously, you are responsible for securing your patients.

Q. What is the deadline for screening patients at the University of Mississippi Medical Center School of Dentistry?

A. The deadline for screening patients at the University of Mississippi Medical Center School of Dentistry is Thursday, May 18, 2000. Please refer to the School's instructions in this manual for additional information.

Q. What is the best way to find patients for the dental examination?

A. Candidates are responsible for finding and selecting their own patients for the examination. Make sure that the patients meet the qualifications for the procedure, and if a patient is rejected, the candidate must obtain another patient immediately. It is best to have a backup patient available.

- Q.** I am an out-of-state candidate, have my patients, and was unable to use the University of Mississippi Medical Center School of Dentistry when I was in Jackson; therefore, is there anyone who can handle my pre-operative radiographs?
- A.** No. You must make your own arrangements for pre-operative radiographs. Please refer to the instructions in this manual regarding the University of Mississippi Medical Center School of Dentistry.
- Q.** If I am left-handed, what do I need to do?
- A.** Indicate such on your examination application so that a left-handed operator can be reserved for you.
- Q.** May I use ultrasonic scalers or Cavi-Jets® during the examination?
- A.** Ultrasonic scalers may be used; however, Cavi-Jets® or air polishing instruments may not be used.
- Q.** What type of connection does the University of Mississippi Medical Center School of Dentistry require for ultrasonic scalers?
- A.** Adec quick-disconnect. Please refer to the instructions in this manual regarding the University of Mississippi Medical Center School of Dentistry.
- Q.** If my Periodontics starting time is 9:30, what time does my patient need to be at the University of Mississippi Medical Center School of Dentistry?
- A.** All patients must be at the University of Mississippi Medical Center School of Dentistry at 7:45 a.m., and each clinic will be given six (6) hours to complete the Periodontics examination. Starting times will be staggered in thirty (30) minute increments. You should advise your patient to bring reading material for use during waiting periods.
- Q.** Where can I get additional medical history forms?
- A.** You can get additional medical history forms from the University of Mississippi Medical Center School of Dentistry prior to the examination by calling the record room at 601-984-6158. It is wise to obtain a minimum of two (2) medical history forms for each procedure.
- Q.** What happens if I lose my candidate badge, assistant badge, patient badge, daily packet, or other items furnished by the Board?
- A.** You will be assessed a penalty of Ten and No/100 Dollars (\$10.00) for each item you do not return by the conclusion of the examination. Also, your Mississippi license will be held until full restitution is made with the Board.
- Q.** When do I receive my candidate number, and do I receive a number for my dental assistant and patients?
- A.** You will receive your candidate badge and dental assistant badge during registration. Patient numbers are not given out until the day of the scheduled procedure and will be in the packets given to the candidates each morning. Patient numbers are randomly assigned.

Q. When do I complete the health history form, and when do I update the information?

A. You should complete the health history form prior to the examination. However, you should update the health history form with the patient immediately before the starting check for each procedure.

Q. What does the Board consider as "identifying information" which may not be left in the clinics during the initial starting checks?

A. Identifying information includes, but is not limited to, purses, nametags, monograms, manuals or books denoting your name or school, scrubs denoting the name of your dental school, radiographs with your name or the name of your school, etc.

Q. Some of my equipment has my dental school name on it. Can I use it?

A. Anything that would denote the identity of the candidate or his/her dental school may not be used without concealment of the identifying information. If an instrument box has your dental school's name or logo on it, cover it so that it is not visible to the grading or clinical floor examiners.

Q. What happens if I pass the overall examination but fail one or more procedures?

A. You must successfully complete **ALL** procedures on the examination and attain a passing score of seventy-five (75) or above to be considered as successfully completing the licensure examination. However, if you qualify, you may take and successfully

complete only those procedures you failed at the re-take examination.

Q. What happens if I do not pass the dental examination?

A. You have the right to make a written request for a review of your results within forty-five (45) days from the date of the notice of your failure. Adhere to all requirements in Board Regulation 27 in making your written request.

Q. If I do not pass the examination, when can I take it again?

A. All failing candidates will be notified if they qualify to participate in the re-take examination which will be given within ninety (90) days from the conclusion of the examination.

Q. If I do not pass the examination, can I file an appeal and also apply for the re-take examination?

A. Yes. You may appeal the results of the initial examination and, upon meeting the criteria for the re-take examination, participate in the re-take examination. Should your appeal be unsuccessful, you would pay the same fees as you paid for the initial examination, file another application, and participate in the re-take examination.

Q. If I appeal my initial examination results and also apply to take the re-take examination, and my appeal is successful, does the Board refund my fees for the re-take examination?

A. Yes. No funds are deposited until the Board makes a determination regarding the candidate's appeal. If the candidate's appeal is successful, all

monies are returned to the candidate. If the candidate's appeal is unsuccessful, all fees payable to the Board are immediately deposited. However, if a candidate cannot participate in the re-take examination due to a documented illness or emergency (as outlined earlier in this manual), the candidate's Board fees will be applied to the next regularly scheduled licensure examination. Fees payable to the University of Mississippi Medical Center School of Dentistry will be returned to the candidate.

Q. If I fail the re-take examination, can I appeal the score on this examination?

A. No. You must apply for the next regularly scheduled Board examination.

Q. How many times may I take the dental examination?

A. You may take the dental examination only three times. If you are unsuccessful after two attempts, you must complete one academic year of clinical training in an ADA-accredited dental school before being allowed to take the dental examination for a third, and final, time.

Q. Where can I find a dental assistant?

A. You can contact the University of Mississippi Medical Center School of Dentistry for information about obtaining dental assistants.

Q. If my unit breaks down, what should I do?

A. You must immediately notify the clinical floor examiner so that the faulty equipment may be repaired, or

so that you may be relocated to another operatory.

Q. Is the jurisprudence examination the same each year?

A. No. Every year it is a different examination. You must make a minimum score of 75 to pass. If not, you may take a second, different jurisprudence examination during your clinical or typodont exercises. However, you will not be granted additional time on your clinical or typodont exercises to complete the second jurisprudence examination.

Q. Does it help to be a Mississippi resident to pass the dental examination?

A. No. Although the majority of candidates who pass the examination are from Mississippi, candidates from other dental schools have been equally as successful. To ensure fairness, the dental examination is administered on a "double-blind" basis so that the candidates and the grading examiners never have direct contact. Grading examiners do not know whose work they are grading; they have no access to any information about which candidate performed a particular procedure. In this manner, candidates are graded fairly without regard to their backgrounds.

Q. How do I know that all of the grading examiners are grading by the same set of standards?

A. All of the examiners, including the clinical floor examiners, go through a very intense calibration exercise prior

- to the dental examination to ensure that all examiners grade as reliably as possible.
- Q.** Who are these examiners?
- A.** The examiners are current and former members of the Mississippi State Board of Dental Examiners. Board members are appointed to four-year terms by the Governor.
- Q.** What is the pass rate for the Mississippi licensure examination?
- A.** Between 1993 and 1999, the pass rate is 96% of the approximately 280 candidates who have taken the dental examination.
- Q.** Do I need malpractice insurance?
- A.** Yes. If you wish, you may select an insurance carrier from the brochure(s) included with your examination manual for insurance coverage during the dental examination.
- Q.** Once I am licensed in Mississippi, do I have to practice in that state to maintain my dental license?
- A.** No. However, you must maintain licensure by paying appropriate annual renewal fees and complying with Mississippi Board regulations concerning mandatory continuing education, Cardiopulmonary Resuscitation, etc.
- Q.** Do I have time to finish all the procedures?
- A.** Yes. With proper time management, you have ample time to complete all aspects of the examination. You should organize your day and how you will proceed prior to the examination.
- Q.** Why do I have to complete the survey?
- A.** The Board constantly strives to improve the examination process. It is through your comments that these changes are effected. We require that you answer all questions in order to complete the examination process. Your comments in no way affect the outcome of your examination results. Please answer all questions and provide comments, if you so desire.

ENDODONTICS EXERCISE GRADING CRITERIA

CRITERIA	5	4	3	2	1	0
ACCESS	<p>Size and placement of access opening reflects the position of the pulpal chamber in the middle third of the lingual surface.</p> <p>Internal form tapers to the canal opening with no shoulders.</p>	<p>Size and placement of access opening varies slightly from the middle third of the lingual surface.</p> <p>Internal form is tapered to the canal opening but is slightly irregular.</p>	<p>Placement of the access opening is in the middle third of the lingual surface, but opening is too small or too large.</p> <p>Internal form is tapered to the canal opening but slightly irregular.</p>	<p>Placement of the access opening is not in the middle third of the lingual surface and is too small or too large.</p> <p>Internal form lacks proper taper to the canal orifice.</p>	<p>Placement of the access opening does not provide acceptable entry into the pulpal chamber.</p> <p>Internal form lacks proper taper with shoulders, ledges, or gouges present.</p>	<p>Placement of the access opening does not provide acceptable entry into the pulpal chamber.</p> <p>Internal form exhibits excessive shoulders; perforation exists.</p> <p>External outline form grossly deviates from the shape of the pulp chamber and/or exhibits gross destruction of tooth structure.</p>
OBTURATION	<p>Root canal is obturated with gutta percha to within 1.0mm of the anatomical apex of the tooth.</p> <p>Gutta percha is well-adapted to the canal walls.</p> <p>No gutta percha is in the coronal pulp chamber.</p>	<p>Root canal is obturated with gutta percha to the anatomical apex of the tooth or obturated more than 1.0mm from the anatomical apex of the tooth.</p> <p>Gutta percha is moderately adapted to the canal walls.</p> <p>No gutta percha is in the coronal pulp chamber.</p>	<p>Root canal is obturated with gutta percha greater than 2.0mm from the anatomical apex of the tooth.</p> <p>Gutta percha is moderately adapted to the canal walls.</p> <p>Slight amount of gutta percha in the coronal pulp chamber.</p>	<p>Root canal is obturated with gutta percha greater than 3.0mm from the anatomical apex of the tooth or is overfilled more than 0.5mm beyond the anatomical apex opening.</p> <p>Minor voids are present in the obturation of the root canal.</p> <p>Moderate amount of gutta percha in the coronal pulp chamber.</p>	<p>Root canal is obturated with gutta percha material greater than 4.0mm from the anatomical apex of the tooth or is overfilled more than 1.0mm beyond the anatomical apex opening.</p> <p>Significant voids are present in the obturation of the root canal.</p> <p>Significant portion but less than one-half of the coronal pulp chamber is filled with gutta percha.</p>	<p>Gutta percha extends significantly beyond the anatomical apex of the tooth or is grossly short of the desired length.</p> <p>Obturation of the root canal is grossly inadequate and/or poor adaptation to the prepared canal walls.</p> <p>More than one-half of the coronal pulp chamber is filled with gutta percha.</p>

CARVED MODL AMALGAM RESTORATION GRADING CRITERIA

CRITERIA	5	4	3	2	1	0
ANATOMY	<p>Restores harmonious form of existing tooth, normal anatomy, and proper marginal ridges.</p> <p>Proximal contour returns proper shape and position.</p> <p>Optimal contact--will allow waxed floss to pass with proper resistance.</p>	<p>Slight variation of normal occlusal anatomy.</p> <p>Slight abnormal variation of proximal contour, shape, and position of contact area.</p> <p>Near optimal contact--will allow waxed floss to pass with near proper resistance.</p>	<p>Moderate variation of normal occlusal anatomy.</p> <p>Moderate variation of proximal contour, shape, and position or contact area.</p> <p>Barely adequate contact--will allow waxed floss to pass with near proper resistance.</p>	<p>Improper restoration of marginal ridge.</p> <p>Improper restoration of proximal contour--places contact in wrong position or shape. A gingival overhang.</p> <p>Improper contact--too open or too tight.</p>	<p>Improper restoration of marginal ridge; improper occlusal anatomy.</p> <p>Improper restoration of proximal contour--places contact in wrong position or shape. A gingival overhang.</p> <p>Improper contact--too open with no resistance, or cannot get floss through.</p>	<p>Gross lack of normal anatomy.</p> <p>Grossly inadequate marginal ridge position, proximal contour, or contact position.</p> <p>Grossly improper contact.</p>
FINISH LINES AND SURFACE FINISH	<p>On margin.</p> <p>Smooth, free of voids, polished or unpolished. No pitting.</p>	<p>Slight excess or deficient margins.</p> <p>Slight surface irregularities.</p>	<p>Moderate excess or deficient margins.</p> <p>Moderate surface irregularities.</p>	<p>Open margin anywhere on restoration.</p> <p>Severe surface irregularities (pitting or voids).</p>	<p>Deep open margin anywhere on restoration.</p> <p>Critical surface irregularities (pitting or voids).</p>	<p>Multiple open margins.</p> <p>Gross surface defects and/or fracture of restoration.</p>
TREATMENT MANAGEMENT	<p>Adjacent contact is not damaged.</p>	<p>Minor damage to adjacent tooth (can be preserved without damaging the contact).</p>	<p>Minor damage to adjacent tooth but can be removed by polishing (will change the shape of the contact).</p>	<p>Adjacent tooth damaged; difficult to polish.</p>	<p>Adjacent tooth damaged; almost impossible to polish out.</p>	<p>Adjacent contact needs to be restored.</p>

PORCELAIN FUSED TO METAL ANTERIOR CROWN PREPARATION GRADING CRITERIA

CRITERIA	5	4	3	2	1	0
MARGINS AND PATH OF INSERTION	Margins placed in acceptable manner, smooth and well-defined. No undercuts present.	Margins slightly shallow, deep, rough, or irregular. No undercuts present.	Margins moderately over or under-extended, shallow, deep, rough, or irregular. Path of insertion is compromised by slight undercut.	Ares of margins not discernable, or excessively shallow, deep, rough, or irregular. Excessive undercuts which would cause significant problems with restoration fabrication.	Majority of margin not discernable, i.e., critically deep, rough, or inadequate. Critically excessive undercut.	Margins completely lack definition. Gross undercuts.
RETENTION AND RESISTANCE FORM	Preparation appropriately conserves tooth structure. Walls are smooth and clearly defined. Preparation is designed to resist restoration displacement in all directions; preparation will retain crown. 3°-6° axial wall taper. Optimal incisal edge, facial, lingual, occlusal, and interproximal reduction.	Preparation appropriately conserves tooth structure. Walls are not all clearly defined. Retention is adequate; preparation will retain crown. Greater than 6° but less than 10° axial wall taper. Near optimal incisal edge, facial, lingual, occlusal, and interproximal reduction.	Preparation slightly compromises appropriate conservation of tooth structure. Walls are moderately rough. Retention is minimal. 10° axial wall taper. Barely adequate incisal edge, facial, lingual, occlusal, and interproximal reduction.	Preparation moderately compromises appropriate conservation of tooth structure. Walls are inadequate. Inadequate preparation length and/or retentive features; retention not adequate. Greater than 10° axial wall taper. Inadequate incisal edge, facial, lingual, occlusal, or interproximal reduction.	Excessive removal of tooth structure. Walls are not defined. Inadequate preparation length and/or retentive features; retention barely present. Gross over-taper of axial walls. Critical lack of incisal edge, facial, lingual, occlusal, or interproximal reduction.	Grossly inappropriate removal of tooth structure. Complete lack of preparation design. Complete lack of retentive features; grossly inadequate retention. Critical over-taper of axial walls. Gross over/under incisal edge, facial, lingual, or interproximal reduction.
TREATMENT MANAGEMENT	Adjacent contact is not damaged.	Minor damage to adjacent tooth (can be preserved without damaging the contact).	Minor damage to adjacent tooth but can be removed by polishing (will change the shape of the contact).	Adjacent tooth damaged; difficult to polish.	Adjacent tooth damaged; almost impossible to polish out.	Adjacent contact needs to be restored.

FIXED PARTIAL DENTURE POSTERIOR ABUTMENT PREPARATION GRADING CRITERIA

CRITERIA	5	4	3	2	1	0
MARGINS AND PATH OF INSERTION	Margins placed in acceptable manner, smooth and well-defined. No undercuts present.	Margins slightly shallow, deep, rough, or irregular. No undercuts present.	Margins moderately over or under-extended, shallow, deep, rough, or irregular. Path of insertion is compromised by slight undercut.	Areas of margins not discernable, or excessively shallow, deep, rough, or irregular. Excessive undercuts which would cause significant problems with restoration fabrication.	Majority of margin not discernable, i.e., critically deep, rough, or inadequate. Critically excessive undercut.	Margins completely lack definition. Gross undercuts.
RETENTION AND RESISTANCE FORM	Preparation appropriately conserves tooth structure. Walls are smooth and clearly defined. Preparation is designed to resist restoration displacement in all directions; preparation will retain crown. 3°-6° axial wall taper. Optimal facial, lingual, occlusal, and interproximal reduction.	Preparation appropriately conserves tooth structure. Walls are not all clearly defined. Retention is adequate; preparation will retain crown. Greater than 6° but less than 10° axial wall taper. Near optimal facial, lingual, occlusal, and interproximal reduction.	Preparation slightly compromises appropriate conservation of tooth structure. Walls are moderately rough. Retention is minimal. 10° axial wall taper. Barely adequate facial, lingual, occlusal, and interproximal reduction.	Preparation moderately compromises appropriate conservation of tooth structure. Walls are inadequate. Inadequate preparation length and/or retentive features; retention not adequate. Greater than 10° axial wall taper. Inadequate facial, lingual, occlusal, or interproximal reduction.	Excessive removal of tooth structure. Walls are not defined. Inadequate preparation length and/or retentive features; retention barely present. Gross over-taper of axial walls. Critical lack of facial, lingual, occlusal, or interproximal reduction.	Grossly inappropriate removal of tooth structure. Complete lack of preparation design. Complete lack of retentive features; grossly inadequate retention. Critical over-taper of axial walls. Gross over/under facial, lingual, or interproximal reduction.
TREATMENT MANAGEMENT	Adjacent contact is not damaged.	Minor damage to adjacent tooth (can be preserved without damaging the contact).	Minor damage to adjacent tooth but can be removed by polishing (will change the shape of the contact).	Adjacent tooth damaged; difficult to polish.	Adjacent tooth damaged; almost impossible to polish out.	Adjacent contact needs to be restored.

AMALGAM PREPARATION GRADING CRITERIA

CRITERIA	5	4	3	2	1	0
OUTLINE AND EXTENSION	<p>Outline and extension is optimal.</p> <p>Optimal removal of decalcification and optimal extension into fissures.</p> <p>Proximal cavosurface angles at 90°.</p>	<p>Outline and extension near optimal.</p> <p>Optimal removal of decalcification and near optimal extension into fissures.</p> <p>Proximal cavosurface angles no more than 5° over or under 90°.</p>	<p>Outline and extension not optimal--the integrity of the tooth is not compromised.</p> <p>Optimal removal of decalcification but not optimal removal of fissures--the integrity of the tooth is not compromised.</p> <p>Proximal cavosurface angles no more than 10° over or under 90°.</p>	<p>Outline and extension proximal contact is not broken or preparation extended beyond that dictated by tooth morphology, rotation, decalcification, or caries.</p> <p>Decalcification and/or fissures remain--the tooth and/or restoration is possibly compromised.</p> <p>Proximal cavosurface angles no more than 15° over or under 90°.</p>	<p>Outline and extension compromises tooth or restoration.</p> <p>Failure to remove fissures, or decalcification compromises tooth and/or restoration.</p> <p>Proximal form may lead to enamel fracture. Restoration may fracture due to extreme cavosurface angles.</p>	<p>Outline and extension grossly extreme.</p> <p>Decalcification or lack of extension into fissures seriously compromises tooth.</p> <p>Gross cavosurface angles.</p>
INTERNAL FORM	<p>Proximal retention is optimal.</p> <p>Walls are convergent occlusally.</p> <p>Pulpal floor of optimal depth (normally greater than 1.5 mm). The axial wall is neither too shallow nor too deep pulpally.</p> <p>All caries removed.</p>	<p>Proximal retention near optimal.</p> <p>Walls are barely convergent occlusally.</p> <p>Axial and/or pulpal walls too shallow or deeper than required for bulk, but near optimal.</p> <p>All caries removed.</p>	<p>Proximal retention not optimal, but is present.</p> <p>Walls are parallel.</p> <p>Axial and/or pulpal floor and gingival floor moderately more shallow or deeper than required for bulk.</p> <p>All caries removed.</p>	<p>Proximal retention inadequate or excessive.</p> <p>Walls are divergent occlusally.</p> <p>Excessively deep or shallow axial and/or pulpal walls.</p> <p>Questionable residual caries.</p>	<p>Proximal retention near non-existent.</p> <p>Walls are excessively divergent occlusally.</p> <p>Critically shallow or deep axial and/or pulpal walls.</p> <p>Very slight amount of possible caries present.</p>	<p>Proximal retention does not exist.</p> <p>Gross divergence or undermining of cavity walls.</p> <p>Grossly shallow or deep axial and/or pulpal walls, pulpal exposure.</p> <p>Obvious caries present.</p>
OPERATIVE ENVIRONMENT	<p>Rubber dam isolation is optimal. Field is dry.</p> <p>The preparation is completely free of debris.</p> <p>Adjacent contact is not damaged.</p>	<p>Rubber dam isolation is adequate. Field is dry.</p> <p>The preparation is completely free of debris.</p> <p>Minor damage to adjacent tooth (can be polished without changing the contact).</p>	<p>Rubber dam isolation is barely adequate.</p> <p>The preparation is completely free of debris.</p> <p>Minor damage to adjacent tooth but can be removed by polishing (will change the shape of the contact).</p>	<p>Rubber dam isolation is inadequate with a bloody or wet field.</p> <p>Small amount of debris in preparation.</p> <p>Adjacent tooth damaged; difficult to polish out.</p>	<p>Rubber dam isolates improper teeth with a bloody or wet field.</p> <p>Significant debris in the preparation which requires correction before placement of restoration.</p> <p>Adjacent tooth damaged; almost impossible to polish out.</p>	<p>Rubber dam grossly sloppy and torn.</p> <p>Gross debris in the preparation which requires removal before it can be evaluated.</p> <p>Adjacent tooth damaged; requires restoration.</p>

AMALGAM FINISHED RESTORATION GRADING CRITERIA

CRITERIA	5	4	3	2	1	0
ANATOMY AND OCCLUSION	<p>Restores harmonious form of existing tooth, normal anatomy, and proper marginal ridges.</p> <p>Proximal contour returns proper shape and position.</p> <p>Optimal contact--will allow waxed floss to pass with proper resistance.</p> <p>Occlusion has been restored to proper centric. Optimum occlusion.</p>	<p>Slight variation of normal occlusal anatomy.</p> <p>Slight abnormal variation of proximal contour, shape, and position of contact area.</p> <p>Near optimal contact--will allow waxed floss to pass with near proper resistance.</p> <p>Occlusion has been restored to proper centric. Near optimal occlusion.</p>	<p>Moderate variation of normal occlusal anatomy.</p> <p>Moderate variation of proximal contour, shape, and position or contact area.</p> <p>Barely adequate contact--will allow waxed floss to pass with near proper resistance.</p> <p>Occlusion has been restored to proper centric.</p>	<p>Improper restoration of marginal ridge.</p> <p>Improper restoration of proximal contour--places contact in wrong position or shape. A gingival overhang.</p> <p>Improper contact--too open or too tight.</p> <p>Occlusion is barely too high or subocclusal.</p>	<p>Improper restoration of marginal ridge; improper occlusal anatomy.</p> <p>Improper restoration of proximal contour--places contact in wrong position or shape. A gingival overhang.</p> <p>Improper contact--too open with no resistance, or cannot get floss through.</p> <p>Occlusion is too high or subocclusal.</p>	<p>Gross lack of normal anatomy.</p> <p>Grossly inadequate marginal ridge position, proximal contour, or contact position.</p> <p>Grossly improper contact.</p> <p>Grossly inadequate occlusion.</p>
MARGINS AND SURFACE FINISH	<p>On margin.</p> <p>Smooth, free of voids, polished or unpolished. No pitting.</p>	<p>Slight excess or deficient margins.</p> <p>Slight surface irregularities.</p>	<p>Moderate excess or deficient margins.</p> <p>Moderate surface irregularities.</p>	<p>Open margin anywhere on restoration.</p> <p>Severe surface irregularities (pitting or voids).</p>	<p>Deep open margin anywhere on restoration.</p> <p>Critical surface irregularities (pitting or voids).</p>	<p>Multiple open margins.</p> <p>Gross surface defects and/or fracture of restoration.</p>
TREATMENT MANAGEMENT	<p>Patient is comfortable with no evidence of distress.</p> <p>No damage to hard or soft tissue.</p>	<p>Patient is comfortable with no evidence of distress.</p> <p>Slight damage to hard or soft tissue.</p>	<p>Patient exhibits slight discomfort.</p> <p>Moderate damage to hard or soft tissue.</p>	<p>Patient exhibits moderate discomfort.</p> <p>Severe damage to hard or soft tissue.</p>	<p>Patient is obviously uncomfortable and visibly distressed.</p> <p>Severe damage to hard or soft tissue.</p>	<p>Patient is in acute distress and serious discomfort.</p> <p>Gross mutilation of hard or soft tissue.</p>

COMPOSITE PREPARATION GRADING CRITERIA

CRITERIA	5	4	3	2	1	0
OUTLINE AND EXTENSION	<p>Outline form provides optimal access for complete caries removal and material insertion.</p> <p>Cavosurface margins are a smooth continuous curve with no sharp angles.</p> <p>Preparation margins terminate in sound tooth structure with all unsupported enamel removed unless it compromises labial aesthetics.</p> <p>Enamel cavosurface margins are beveled.</p>	<p>Outline form provides near optimal access for complete caries removal and material insertion.</p> <p>Cavosurface margins are a nearly smooth continuous curve with no sharp angles.</p> <p>Preparation margins terminate in sound tooth structure with most unsupported enamel removed unless it compromises labial aesthetics.</p> <p>Enamel cavosurface margins are beveled.</p>	<p>Outline form is extended slightly more than necessary for convenience.</p> <p>Cavosurface margins exhibit a slightly smooth continuous curve with no sharp angles.</p> <p>Preparation margins exhibit slight irregularities with a minimum of unsound enamel unless preserved for aesthetic reasons.</p> <p>Enamel cavosurface margins are beveled.</p>	<p>Outline form is extended beyond that dictated by tooth morphology, rotation, decalcification, or caries.</p> <p>Cavosurface margin is not an entirely smooth, continuous curve.</p> <p>Preparation margins are irregular and exhibit unsound enamel.</p> <p>Enamel cavosurface margins are slightly beveled.</p>	<p>Outline form is excessively over-extended/under-extended with unnecessary/lack of removal of tooth structure.</p> <p>Cavosurface margin is not a continuous curve and has sharp angles.</p> <p>Preparation margins are irregular and exhibit unsound enamel.</p> <p>Enamel cavosurface margin is indistinct or slightly over-beveled.</p>	<p>Outline form is excessively over/under-extended with gross removal of sound tooth structure.</p> <p>Cavosurface margins are rough and jagged.</p> <p>Preparation margins are rough and jagged.</p> <p>Enamel cavosurface margins lack beveling or excessively over-beveled.</p>
INTERNAL FORM	<p>Axial wall is neither too shallow nor too deep; optimal depth for material bulk.</p> <p>All caries removed.</p> <p>Prepared surfaces are smooth and well-defined.</p>	<p>Axial wall not too shallow or deeper than required for bulk, but near optimal.</p> <p>All caries removed.</p> <p>Prepared surfaces are smooth and well-defined.</p>	<p>Axial wall moderately more shallow or deeper than required for material bulk.</p> <p>All caries removed.</p> <p>Prepared surfaces are slightly rough.</p>	<p>Axial wall excessively deep or shallow.</p> <p>Questionable residual caries.</p> <p>Prepared surfaces are moderately rough.</p>	<p>Axial wall significantly over/under-extended pulpally.</p> <p>Very slight amount of possible caries present.</p> <p>Prepared surfaces are significantly rough.</p>	<p>Axial wall grossly over-extended, encroaching on pulp or pulp was exposed, or axial wall is grossly under-extended with no retention.</p> <p>Obvious caries present.</p> <p>Gross irregularity of prepared surfaces.</p>
OPERATIVE ENVIRONMENT	<p>Rubber dam isolation is optimal. Field is dry.</p> <p>The preparation is completely free of debris.</p> <p>Adjacent contact is not damaged.</p>	<p>Rubber dam isolation is adequate. Field is dry.</p> <p>The preparation is completely free of debris.</p> <p>Minor damage to adjacent tooth (can be polished without changing the contact).</p>	<p>Rubber dam isolation is barely adequate.</p> <p>The preparation is completely free of debris.</p> <p>Minor damage to adjacent tooth but can be removed by polishing (will change the shape of the contact).</p>	<p>Rubber dam isolation is inadequate with a bloody or wet field.</p> <p>Small amount of debris in preparation.</p> <p>Adjacent tooth damaged; difficult to polish out.</p>	<p>Rubber dam isolates improper teeth with a bloody or wet field.</p> <p>Significant debris in the preparation which requires correction before placement of restoration.</p> <p>Adjacent tooth damaged; almost impossible to polish out.</p>	<p>Rubber dam grossly sloppy and torn.</p> <p>Gross debris in the preparation which requires removal before it can be evaluated.</p> <p>Adjacent tooth damaged; requires restoration.</p>

COMPOSITE FINISHED RESTORATION GRADING CRITERIA

CRITERIA	5	4	3	2	1	0
CONTOUR, CONTACT, AND OCCLUSION	<p>Proximal contour returns proper shape and position. Normal contours of the tooth are restored.</p> <p>Optimal contact that will allow dental floss to pass with proper resistance.</p> <p>All centric and excursive contacts on the restoration, when appropriate, are consistent in size, shape, and intensity with such contacts on other teeth.</p>	<p>Slight abnormal variation of proximal contour, shape, and position of contact area. Restoration reproduces the normal contours of the tooth with only slight variations.</p> <p>Near optimal contact that will allow floss to pass with near proper resistance.</p> <p>All centric and excursive contacts on the restoration, when appropriate, are nearly consistent in size, shape, and intensity with such contacts on other teeth.</p>	<p>Moderate variation of proximal contour, shape, and position of contact area.</p> <p>Barely adequate contact that will allow floss to pass with near proper resistance.</p> <p>All centric and excursive contacts on the restoration, when appropriate, are slightly consistent in size, shape, and intensity with such contacts on other teeth.</p>	<p>Improper restoration of proximal contour which places contact in wrong position or shape. A gingival overhang may be present.</p> <p>Improper contact which is open or too tight.</p> <p>Occlusion is barely too high or subocclusal.</p>	<p>Improper restoration of proximal contour which places contact in wrong position or shape. A gingival overhang may be present.</p> <p>Improper contact which is open with no resistance, or cannot get floss through.</p> <p>Restoration is in significant supra-occlusion or sub-occlusion.</p>	<p>Contour does not resemble the normal tooth and will interfere with the maintenance of gingival health.</p> <p>Grossly improper contact.</p> <p>Restoration is in supra-occlusion and will cause damage to the supporting structures or failure to the restoration.</p>
MARGINS AND SURFACE FINISH	<p>On margin.</p> <p>Restoration is uniformly smooth and free of pits and voids.</p> <p>Shade of restoration blends harmoniously with the surrounding tooth structure.</p>	<p>Slight excess or deficiency at tooth-restoration junction. No open margins.</p> <p>Restoration is smooth with a minimum of small pits.</p> <p>Shade of restoration blends with the surrounding tooth structure.</p>	<p>Moderate excess or deficiency at tooth-restoration junction. Slight open margins.</p> <p>Restoration has moderate surface irregularities.</p> <p>Shade of restoration is acceptable but varies slightly from the surrounding tooth structure.</p>	<p>Restoration/tooth interface is sealed, but one or more areas of significant marginal excess or deficiency are detectable.</p> <p>Restoration exhibits significant irregularities, including pits and voids.</p> <p>Shade of restoration is acceptable but varies significantly from surrounding tooth structure.</p>	<p>Deep, open margin anywhere on restoration.</p> <p>Restoration is rough, pitted and/or porous.</p> <p>Shade of restoration varies significantly from surrounding tooth structure.</p>	<p>Severe marginal excess or deficiency, roughness, voids, and/or open margins present.</p> <p>Restoration surface is rough, pitted, and/or porous.</p> <p>Unacceptable error in shade when compared to surrounding tooth structure.</p>
TREATMENT MANAGEMENT	<p>Patient is comfortable with no evidence of distress.</p> <p>No damage to hard or soft tissue.</p>	<p>Patient is comfortable with no evidence of distress.</p> <p>Slight damage to hard or soft tissue.</p>	<p>Patient exhibits slight discomfort.</p> <p>Moderate trauma of hard or soft tissue.</p>	<p>Patient exhibits moderate discomfort.</p> <p>Severe damage to hard or soft tissue.</p>	<p>Patient is obviously uncomfortable and visibly distressed.</p> <p>Severe damage to hard or soft tissue.</p>	<p>Patient is in acute distress and serious discomfort.</p> <p>Gross mutilation of hard or soft tissue.</p>

REMOVABLE PROSTHETICS GRADING CRITERIA

Final Impressions

CRITERIA	5	4	3	2	1	0
SURFACE DETAIL AND ACCURACY	All anatomical structures accurately recorded. No voids or pressure areas present.	All anatomical structures near optimal recorded. Slight voids or pressure areas present.	Most anatomical structures recorded. Moderate number of voids or pressure areas present.	Minimal recording of anatomical structures. Severe voids or pressure areas present.	Anatomical structures lack accuracy. Voids or pressure areas present in critical areas.	Complete inaccuracy of impression. Gross voids or pressure areas present in critical areas.
EXTENSIONS	Optimal extension and contouring of border areas. Posterior palatal seal accurately marked on impression.	Near optimal extension and contouring of border areas. Posterior palatal seal accurately marked on impression.	Border areas not properly extended and contoured in all areas. Posterior palatal seal marked slightly over/under extended.	Border areas and contours slightly over/under extended. Posterior palatal seal marked slightly over/under extended.	Border areas and contours moderately over/under extended. Posterior palatal seal marked slightly over/under extended.	Gross over/under extension of borders and inaccurate contours. No evidence of marking of posterior palatal seal.
RETENTION	Impression has optimal retention and stability in mouth.	Impression has near optimal retention and stability in mouth.	Impression has moderate retention and stability in mouth.	Impression has minimal retention and stability in mouth.	Impression lacks adequate retention and stability in mouth.	No retention or stability in mouth.

Centric Jaw Relation and Vertical Dimension

CRITERIA	5	4	3	2	1	0
RECORDING OF CENTRIC JAW RELATION	Bite rims interlock precisely, and can be separated for evaluation. Centric Jaw Relation has been properly recorded.	Bite rims interlock adequately, and can be separated for evaluation. Centric Jaw Relation has been properly recorded.	Bite rims interlock, and can be separated for evaluation. Centric Jaw Relation is registered slightly anterior of most retruded position.	Bite rims interlock, and can be separated for evaluation. Centric Jaw Relation not registered correctly.	Bite rims do not interlock, but can be separated for evaluation. Centric Jaw Relation is inadequately registered.	Bite rims do not interlock, and cannot be separated for evaluation. Centric Jaw Relation is not registered.
FREEWAY SPACE	2mm - 3mm of Freeway Space. Bite rims contact evenly.	2mm - 3mm of Freeway Space. Bite rims contact.	3mm - 5mm of Freeway Space. Bite rims contact.	5mm or more of Freeway Space. Bite rims contact slightly.	5 mm or more or less than 1mm of Freeway Space. Bite rims do not contact.	No Freeway Space. Bite rims do not contact.

PERIODONTAL DIAGNOSTIC EXERCISE GRADING CRITERIA

CRITERIA	5	4	3	2	1	0
PERIODONTAL POCKET DEPTHS	Probing measurements of the gingival sulcus and/or periodontal pocket are accurate +/- 1 mm on all but one tooth surface.	Probing measurements of the gingival sulcus and/or periodontal pocket are accurate +/- 1 mm on all but two (2) or three (3) tooth surfaces.	Probing measurements of the gingival sulcus and/or periodontal pocket are accurate +/- 1 mm on all but four (4) or five (5) tooth surfaces.	Probing measurements of the gingival sulcus and/or periodontal pocket are accurate +/- 1 mm on all but six (6) or seven (7) tooth surfaces.	Probing measurements of the gingival sulcus and/or periodontal pocket are accurate +/- 1 mm on all but eight (8) or nine (9) tooth surfaces.	Probing measurements of the gingival sulcus and/or periodontal pocket are accurate +/- 1 mm on all but ten (10) or more tooth surfaces.
CALCULUS DETECTION	Calculus is readily detected with an explorer on all surfaces selected.	Calculus is readily detected with an explorer on all but one (1) of the surfaces selected.	Calculus is readily detected with an explorer on all but two (2) of the surfaces selected.	Calculus is readily detected with an explorer on all but three (3) of the surfaces selected.	Calculus is readily detected with an explorer on all but four (4) of the surfaces selected.	Calculus is readily detected with an explorer on all but five (5) or more of the surfaces selected.
RADIOGRAPHIC INTERPRETATION	Radiographs are current within the published guidelines, are of good diagnostic quality, properly mounted, and identified.	Radiographs are current within the published guidelines, are of acceptable diagnostic quality, properly mounted, and identified.	Radiographs are current within the published guidelines, are of acceptable diagnostic quality, improperly mounted, and/or incorrectly identified.	Radiographs are current within the published guidelines, are of poor diagnostic quality, improperly mounted, and/or incorrectly identified.	Radiographs are not current within the published guidelines, are of poor diagnostic quality, improperly mounted, and/or incorrectly identified.	Radiographs are not current within the published guidelines, are not of diagnostic quality, not properly mounted, and not properly identified.
DIAGNOSIS AND TREATMENT PLAN	Accurate diagnosis of existing periodontal disease is documented; existing restorations and missing teeth charted; carious and pathological lesions noted; pocket depths and bone level charted; and sequential treatment plan formulated.	Accurate diagnosis of existing periodontal disease is documented; most existing restorations and missing teeth charted; most carious and pathological lesions noted; pocket depths and bone level charted; and sequential treatment plan formulated.	Diagnosis of existing periodontal disease is documented but possible error in diagnosis; most existing restorations and missing teeth charted; some carious and pathological lesions not noted; some inaccuracies in pocket depth and bone level recordings; and treatment plan not sequential.	Diagnosis of existing periodontal disease is documented but error in diagnosis; most existing restorations and missing teeth charted; some carious and pathological lesions not noted; slight inaccuracies in pocket depth and bone level recordings; and treatment plan does not reflect periodontal findings.	Diagnosis of existing periodontal disease is documented but error in diagnosis; incorrect existing restorations and incorrect missing teeth charted; numerous carious and pathological lesions not noted; numerous inaccuracies in pocket depth and bone level recordings; and treatment plan does not correct existing problems.	No diagnosis of existing periodontal disease is documented; incorrect existing restorations and incorrect missing teeth charted; numerous carious and pathological lesions not noted; numerous inaccuracies in pocket depth and bone level recordings; and no treatment plan formulated.

PERIODONTAL TREATMENT EXERCISE GRADING CRITERIA

CRITERIA	5	4	3	2	1	0
CALCULUS REMOVAL	No calculus is readily detected with an explorer on any of the surfaces selected.	Calculus is readily detected with an explorer on not more than one (1) of the surfaces selected.	Calculus is readily detected with an explorer on not more than two (2) of the surfaces selected.	Calculus is readily detected with an explorer on not more than three (3) of the surfaces selected.	Calculus is readily detected with an explorer on not more than four (4) of the surfaces selected.	Calculus is readily detected with an explorer on five (5) or more of the surfaces selected.
STAIN, PLAQUE REMOVAL, AND TOOTH POLISHING	No stain and/or plaque remains on any of the six (6) teeth selected.	Stain and/or plaque remains on one (1) tooth of the six (6) teeth selected.	Stain and/or plaque remains on two (2) teeth of the six (6) teeth selected.	Stain and/or plaque remains on three (3) teeth of the six (6) teeth selected.	Stain and/or plaque remains on four (4) teeth of the six (6) teeth selected.	Stain and/or plaque remains on five (5) or more teeth of the six (6) teeth selected.
PATIENT MANAGEMENT	<p>Patient is comfortable and demonstrates no evidence of distress or pain.</p> <p>No tissue damage due to routine instrumentation.</p>	<p>Patient is comfortable and demonstrates no evidence of distress or pain.</p> <p>Slight tissue damage to the gingival margins and/or interdental papillae involving not more than two (2) teeth.</p>	<p>Patient exhibits slight discomfort.</p> <p>Slight tissue damage to the gingival margins and/or interdental papillae involving not more than three (3) teeth.</p>	<p>Patient exhibits moderate discomfort.</p> <p>Moderate tissue damage to the gingival margins and/or interdental papillae involving not more than four (4) teeth.</p>	<p>Patient is obviously uncomfortable and visibly distressed.</p> <p>Significant tissue damage to the gingival margins and/or interdental papillae involving not more than five (5) teeth.</p>	<p>Patient is very uncomfortable and distressed.</p> <p>Severe damage to the marginal gingiva and/or amputated papillae.</p>

UNIVERSITY OF MISSISSIPPI MEDICAL CENTER SCHOOL OF DENTISTRY INFORMATION FOR CANDIDATES FOR DENTAL LICENSURE

The intent of the information contained within this document is to assist the candidate with taking the Mississippi State Board of Dental Examiners dental licensure examination. Questions related to the information in this document or to the facilities and policies of the School of Dentistry may be directed to the office of the Associate Dean for Clinical Programs at (601) 984-6025.

PARKING:

Patient parking is available in the lot across the street from the School of Dentistry. The parking fee is \$.50 per hour or \$5.00 per day. Candidates also may park in the Mississippi Veterans Memorial Stadium parking lot directly across North State Street from the Medical Center.

USAGE FEE:

The fee that is submitted by the candidate to the School of Dentistry pays for the direct costs of the school's hosting the examination. This fee includes the use of the facilities and the following equipment, instruments, and supplies.

Equipment and Instruments:

1. All dental operatory units are chair-mounted Adec Continental units and can be adjusted to accommodate left-handed operators.
2. Ultrasonic scalers supplied by the candidate must have an Adec quick-disconnect.
3. Candidates are free to use their own handpieces and instruments. Arrangements may be made for sterilization of a candidate's own instruments by contacting the chief dental assistant in Restorative Dentistry at (601) 984-6030.
4. All slow speed (Shorty two speed) and high speed (Tradition fiber optic) clinical handpieces are Midwest. All handpiece tubing is of the four-hole Midwest type.

5. Pin kits, contra-angles, and anesthetic and impression material syringes are available.
6. The contents of specifically available instrument tray set-ups and off-tray instruments and supplies are listed in the ATTACHMENT at the end of this document.

Supplies:

1. Radiographic film and mounts.
2. Local anesthetics (Xylocaine or Carbocaine with or without epinephrine).
3. Needles (27 gauge short or long or 30 gauge short).
4. Paper, cotton, rubber, and plastic disposables (saliva ejectors and suction tips).
5. Disposable trays and impression materials.
6. Amalgam capsules (Dispersalloy regular or Titan regular set).
7. Stone, plaster, and other related expendable materials.
8. The School of Dentistry supplies gloves, masks, and face shields for all clinical procedures.

PROCEDURES FOR OBTAINING INSTRUMENTS AND HANDPIECES:

1. Laboratory handpieces will be issued if needed by Central Supply (First Floor D-117).
2. Clinical handpieces will be issued for each procedure in the clinics where candidates are assigned. All requisitioned sterile clinical instruments are issued to candidates by the clinic in which the instruments are used.
3. Immediately following each procedure, all handpieces and instruments must be returned to the supply area from where they were obtained. Autoclave and ethylene oxide sterilization are provided for all instruments and handpieces following each patient use.
4. The State Board of Dental Examiners will be notified by the school if all requisitioned handpieces and instruments are not returned.

USE OF FACILITIES:

Candidates who wish to use the school's facilities prior to the examination must contact the office of the Associate Dean for Clinical Programs at (601) 984-6025. Evidence of professional liability insurance is required if patients are involved. Facilities are available through Thursday, May 18, 2000 for screening and preparatory treatment of patients.

Limited reception room seating is available on the fourth floor for patients during the examination. Because fourth floor accommodations are limited, additional seating is available in the first floor

lounge for patients and their guests. No eating or drinking is permitted in the building except for the first floor lounge. Smoking is not permitted anywhere in the building. A designated smoking area is located outside the first floor north entrance.

The fourth floor clinical laboratory is available for candidate use and will remain open until 10:00 p.m. on Wednesday, May 24, 2000. The chief technician will familiarize any interested candidate with the laboratory and its policies prior to the examination. Candidates interested in visiting the laboratory should contact the chief technician at (601) 984-6047 or (601) 984-6048.

The laboratory contains all usual laboratory equipment, such as bench lathes, high speed grinders, polishing machines, vibrators, and ultrasonic units.

No candidate may enter the laboratory with protective gloves or masks used in the clinic. Candidates are requested to clean their benches before leaving the laboratory.

LOCKERS:

Storage lockers are available for male candidates on the first floor (D115) and for female candidates on the fourth floor (D408). Candidates must supply their own locks.

PATIENTS:

The University of Mississippi Medical Center School of Dentistry does not assume responsibility for supplying patients for the licensure examination.

SCREENING AND PREPARATORY TREATMENT OF PATIENTS:

All screening and preparatory treatment of patients in the School of Dentistry must be authorized and supervised by faculty. Patient Screening Consent and Agreement forms must be completed prior to all initial examinations of board patients. Each patient treated during the board examination must have a board patient record. Screening Consent and Agreement forms and board patient records can be obtained from the second floor Admissions/Prevention reception area or by calling the Record Room at (601) 984-6158 prior to the examination. If a patient requires preparatory treatment prior to the board examination, such as prophylaxis or caries control, the Admissions/Prevention, Periodontics, or Restorative Dentistry clinics may be used for these purposes through Thursday, May 18, 2000. Patients must be scheduled in each clinic prior to treatment. Fees must be charged for all preparatory dental procedures using the school's current fee schedule. A patient encounter form and progress notes must be completed for each visit.

RADIOGRAPHS:

All radiographs made for patient preparation or for screening purposes must be made in the Oral Radiology Clinic during times that the clinic is regularly scheduled. Radiographs needed during the examination may be made in the fifth floor pre-clinical laboratories for laboratory exercises, and in the fourth floor clinics and second floor radiology clinic for clinical exercises.

PATIENT RECORDS:

1. Each patient treated during the board examination must sign a completed State Board of Dental Examiners approved Consent form prior to the candidate's beginning each clinical procedure. These forms become part of each patient's permanent board record and are available from the second floor Record Room.
2. A candidate must complete a Progress Note in the record at the completion of each patient encounter during the examination, indicating the treatment performed. Records should be deposited in the dental record drop box in the second floor Record Room at the end of each examination day. If a patient is to be seen on a following day, the candidate should retrieve the record from the Record Room the following morning. The Record Room is open from 7:00 a.m. to 5:30 p.m. during the examination.
3. The Record Room staff audits all records to ensure completeness of the Screening Consent and Agreement form, the Demographic Data form, the Health History Questionnaire, and the Progress Notes.
4. All board patient records must be completed and returned to the Record Room in order to have completed the board examination. The State Board of Dental Examiners will be notified by the school if any patient record is not completed and returned to the Record Room.

ATTACHMENT:

1. Endodontic Laboratory

Tray Set-Up:

Mirror
Endodontic explorer
Excavator #31
Excavator #60
Spreader miss #1
Spreader miss #2
Spreader miss L (long)
Plugger #5/7
Plugger #9/11
Plugger woodson #2
Cement spatula
Cotton forceps (locking) (2)
Cotton forceps (non-locking) (1)
Syringes (2)
Endodontic sealer

Papercups
Burs (#57, #2, and #4)
Complete file set (21mm & 25mm)
Cotton pellets
Paper points (size 20)
Hemostats, curved
Ceramic mixing slab
Magnifier
Ceramic dish & sponge (file holder)
Rubber stops
Measuring gauge
Latch type contra angle
Gates Glidden drill (sizes 1-6)
Gutta percha points

2. Removable Prosthetics Clinic

Tray Set-Up:

Water bath
Lenk burner
Hanau torch
Denture pack
Burs (F, P, R, and #8)
Bowl
Bard Parker and lab knife
Scissors
Korecta wax and brush

Indelible pencil
Matches
Compound sticks (gray and green)
Hot plate
Boley gauge or M & M ruler
Fox plane
Base plate wax (pink)
Vaseline

3. Operative Clinic and Laboratory

Tray Set-Up:

Mirror
#5 explorer
Double-ended periodontic probe
#3 plastic instrument
#8/9 hatchet
#17/18 chisel
#F 26L-26R margin trimmer
#F 27L-27R margin trimmer
#38/39 spoon excavators
#324 cement spatula
Dycal instrument
#26-29 ball burnisher
#2 condenser

#6T carver
Cotton pliers
Magnetic bur blocks
Articulating paper forceps
Rubber dam forceps and frame
Scissor (straight iris)
Large curved hemostat
Matrix retainer
#3/4 condenser
#1/2 Hollenback
#4/5 cleoid-discoid
#5T Tanner carver
#3 Wall carver

Off-Tray Instruments and Supplies:

Clamps
Burs (assorted)
Amalgam carrier and well

Prisma applicator gun
APH Prisma composite (assorted shades)
Herculite composite (assorted shades)

4. Periodontics Clinic

Board Examiner's Kit:

Front-surface mouth mirror
#5 explorer

Moffitt probe
Color-coded periodontal probe

Tray Set-Up:

Double-sided mirror
Moffitt probe
20F probe
#5 explorer
#2 Nabers probe
Cotton pliers
GIL 2/YG 15
Jacquette 34/35

McCalls 17/18
Columbia 13/14
Columbia 4R/4L
Gracey 3/4
Gracey 11/12
Gracey 13/14
#3 ceramic stone
2 x 2 gauze

Off-Tray Instruments and Supplies:

Disposable prophylaxis angle, brush, cup, and paste
Dental floss

Toothbrush and paste
Cotton tip applicators

5. Burs, Diamonds, and Stones

Fissure Burs:

56
57
169
169L
170
170L
171
556
557
558
330

Short Shank Burs:

2
4
56
330
557

Diamonds:

3/4 AL
012
1D
1/4 DL
1/2 DL
1/2 DTL
1 LCSF
8 BSF
WM2M
G-81
G-82
G-83
G-84

Inverted Cone Burs:

33-1/2
34
35
37

Round Burs:

1/4
1/2
1
2
4
6
8

12 Blade Composite Finishing Burs:

7006 round
7406 egg
7664 long taper
7902 needle

Stones:

Green point stones
White point stones
Dedeco points

ALPHABETICAL LIST OF AREA HOTELS & MOTELS

Cabot Lodge-Millsaps

2375 North State Street

Jackson, MS 39202

Telephone: 601-948-8650

Facsimile: 601-948-8650

Internet: <http://lodging.yahoo.com/lodging/Mississippi/Cities/jackson/hotel/4421425.html>

Hampton Inn & Suites

320 Greymont Avenue

Jackson, MS 39202

Telephone: 800-426-7866

601-352-1700

Facsimile: 601-352-9988

Internet: www.hamptoninn-suites.com/HotelInfo/his/property.html?page=HOME&pid=JANHS

Crowne Plaza-Downtown

200 East Amite Street

Jackson, MS 39201

Telephone: 800-227-6963

601-969-5100

Facsimile: 601-353-4333

Internet: www.basshotels.com/crowneplaza?franchisee=JANDT

Holiday Inn & Suites

5075 I-55 North

Jackson, MS 39206

Telephone: 800-465-4329

601-366-9411

Facsimile: 601-366-6688

Internet: www.basshotels.com/holiday-inn?franchisee=JANNO

Holiday Inn Express

310 Greymont

Jackson, MS 39202

Telephone: 800-465-4329

601-948-4466

Facsimile: 601-352-9368

Internet: www1.basshotels.com/hiexpress?franchisee=JANGM

Ramada Inn-Coliseum

I-55 at High Street

400 Greymont Avenue

P. O. Box 23904

Jackson, MS 39225-3904

Telephone: 800-272-6232

601-969-2141

Facsimile: 601-355-1704

Internet: http://www.ramada.com/ctg/cgi-bin/Ramada/hotel_frame/AAAAfNAAXAAKBjAAB?city=Jackson&state=MS&country=US

Red Roof Inn-Coliseum

700 Larson Street

Jackson, MS 39202

Telephone: 800-843-7663

601-969-5006

Facsimile: 601-969-5159

Internet: http://www.redroof.com/inn_details.asp?innNumber=131

The foregoing list is furnished to candidates for informational purposes only and must not be construed to be a recommendation from the Mississippi State Board of Dental Examiners or the University of Mississippi Medical Center School of Dentistry.

MAP TO UNIVERSITY OF MISSISSIPPI MEDICAL CENTER SCHOOL OF DENTISTRY

